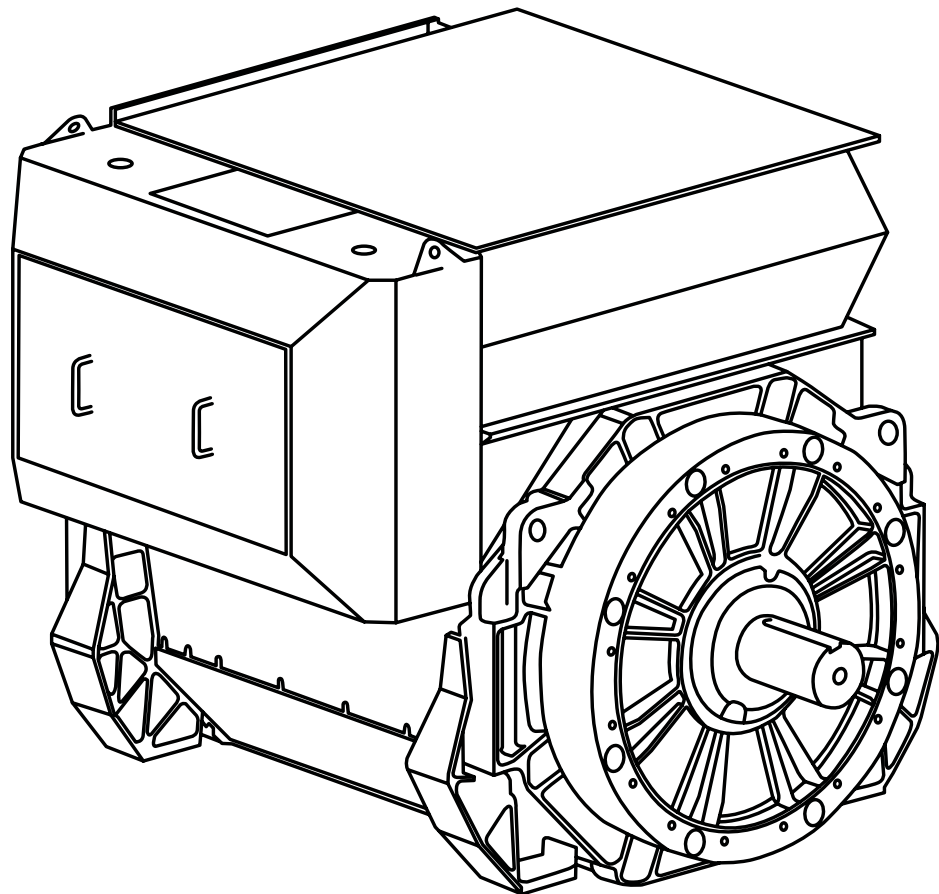




**Generator
Technologies**

Ratings Book for **STAMFORD**® Range of Alternators



Please be advised that the ratings contained in this publication were accurate at the time of going to print. Product ratings can and do vary as improvements and changes are constantly made to our products. Users are advised to verify all ratings, that are critical with our Customer Engineering. Please email: applications@cummins.com.

Ratings Book Glossary

Winding Configurations and Winding Numbers

NOTICE

Additional parts may be required to achieve reconnections.

CAUTION

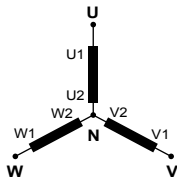
Misconnection can result in permanent machine damage. Refer to machine wiring diagram for specific details.

Please contact your nearest authorised dealer or service agent for advice.

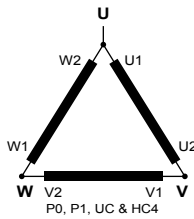
6 Lead Reconnectable

Windings such as 312, 07, 13, 26 and 28 have 6 exit leads brought into the terminal box, and hence may only be configured for star or delta connections.

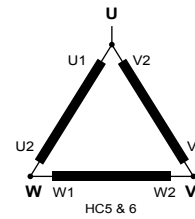
Star 3Ph 4W
Output Terminals (U, V, W, N)



Delta 3Ph 3W
Output Terminals (U, V, W)



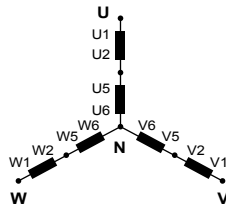
Delta 3Ph 3W
Output Terminals (U, V, W)



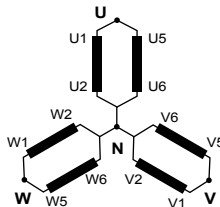
12 Lead Reconnectable

Windings such as 311, 14, 17, 25 and 27 have 12 exit leads brought into the terminal box and hence may be configured for series star, series delta or parallel star.

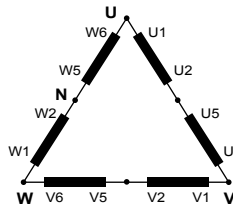
Series Star 3Ph 4W
Output Terminals (U, V, W, N)



Parallel Star 3Ph 4W
Output Terminals (U, V, W, N)

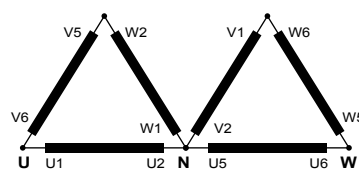


Series Delta 3Ph 4W
Output Terminals (U, V, W, N)

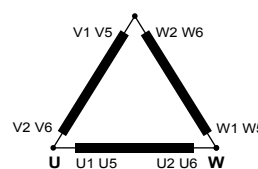


It is also possible to connect 12 lead windings for single phase operation in the double delta or parallel delta configuration

Double Delta 1Ph 3W
Output Terminals (U, W, N)
(P0, P1 / UC / HC4 & HC5 Only)



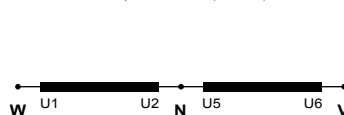
Parallel Delta 1Ph 2W
Output Terminals (U, W)
(P0, P1 / UC / HC4 & HC5 Only)



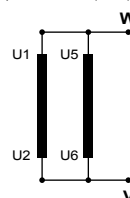
4 Lead Dedicated

Windings such as 05 and 06 are specifically designed for single phase operation, and cannot be re-connected for three phase supply.

Series 1Ph 3W
Output Terminals (W, N, V)



Parallel 1Ph 2W
Output Terminals (W, V)



Rating Definitions

All ratings are based on altitude up to 1000 metres above sea level. All ratings are based on Rise by Resistance measurement method. Ratings based on Embedded Temperature Device (ETD) measurement may be provided under application to Cummins Generator Technologies.

Base Continuous Ratings

Also known as BASIC CONTINUOUS - BR (ISO 8528 - 3) or Continuous Running Duty - Duty type S1 (EN 60034-1, IEC34-1 AND BS4999 part 101) or Continuous Duty (NEMA MG1-32).

As the title suggests the alternator is capable of supporting the specified kVA rating at the specified ambient and power factor for continuous use without over stressing the insulation system.

Peak Standby Rating (40°C ambient temperature)

This rating is defined in ISO 8528-3 as PEAK CONTINUOUS PR it equates to S10 (rating with discrete constant loads) in EN60034-1 and STANDBY RATING in NEMA MG1-32.

Here the class H temperature rise is allowed to increase above the BASE continuous rating.

The result is an increased rating at the expense of reducing the lifetime of the alternator by between 2 to 6 times. Peak standby continuous rating offers an economical sizing for emergency backup power supplies.

Peak Standby Rating (27°C ambient temperature)

EN 60034-1 states that with the customer's prior agreement an increase in rating may be made to account for a decrease in ambient temperature.

The ratings quoted at 27°C ambient allow an increased temperature rise to bring the operating temperature of alternator to the same level as seen at 40°C ambient as above.

Winding numbers used on STAMFORD P0/P1, UC, HC and P7 range of Alternators

Windings for STAMFORD alternators may be selected to give voltages for different connections as this table:-

WINDING NUMBER	EXIT LEADS	50Hz					60Hz				
		SERIES STAR (3PHASE)	PARALLEL STAR (3 PHASE)	SERIES DELTA (3PHASE)	DOUBLE-DELTA (1 PHASE)	OTHER (1 PHASE)	SERIES STAR (3 PHASE)	PARALLEL STAR (3 PHASE)	SERIES DELTA (3 PHASE)	DOUBLE DELTA (1 PHASE)	OTHER (1 PHASE)
05*	4					220-240					
06*	4										220-240
07	6						600		346		
13	6						380-416		220-240		
14	12						380-416	190-208	220-240		
17	12						600	300	346		
25	12	660-690	330-345	380-400							
26	6	660-690		380-400							
27	12						660-690	330-345	380-400		
28	6						660-690		380-400		
311	12	380-440	190-220	220-254	220-240		416-480	208-240	240-277	220-240	
312	6	380-440		220-254			416-480		240-277		

*Windings 05 & 06 provide a higher rating for single phase supply than can be achieved from re-connectable windings

Ratings Table for STAMFORD P0/P1, UC, HC and P7 alternators

1. CONTROL SYSTEM	2. APPLICATION	3. POLES	4. FREQUENCY (Hz)	5. AMBIENT TEMP	6. TEMP RISE	PAGE No.
AVR	INDUSTRIAL	2	50	40	105(F) BASE	5
AVR	INDUSTRIAL	2	50	40	125(H) BASE	6
AVR	INDUSTRIAL	2	50	40	150(H) PEAK	7
AVR	INDUSTRIAL	2	50	27	163(H) PEAK	8
AVR	INDUSTRIAL	2	60	40	105(F) BASE	9
AVR	INDUSTRIAL	2	60	40	125(H) BASE	10
AVR	INDUSTRIAL	2	60	40	150(H) PEAK	11
AVR	INDUSTRIAL	2	60	27	163(H) PEAK	12
AVR	INDUSTRIAL	4	50	40	105(F) BASE	13
AVR	INDUSTRIAL	4	50	40	125(H) BASE	16
AVR	INDUSTRIAL	4	50	40	150(H) PEAK	19
AVR	INDUSTRIAL	4	50	27	163(H) PEAK	22
AVR	INDUSTRIAL	4	60	40	105(F) BASE	25
AVR	INDUSTRIAL	4	60	40	125(H) BASE	29
AVR	INDUSTRIAL	4	60	40	150(H) PEAK	33
AVR	INDUSTRIAL	4	60	27	163(H) PEAK	36
AVR	INDUSTRIAL	6	50	40	105(F) BASE	39
AVR	INDUSTRIAL	6	50	40	125(H) BASE	39
AVR	INDUSTRIAL	6	50	40	150(H) PEAK	40
AVR	INDUSTRIAL	6	50	27	163(H) PEAK	40
AVR	INDUSTRIAL	6	60	40	105(F) BASE	41
AVR	INDUSTRIAL	6	60	40	125(H) BASE	41
AVR	INDUSTRIAL	6	60	40	150(H) PEAK	42
AVR	INDUSTRIAL	6	60	27	163(H) PEAK	42
AVR	MARINE	4	50	50	70 (B) BASE	43
AVR	MARINE	4	50	50	90 (F) BASE	44
AVR	MARINE	4	50	50	110 (H) BASE	45
AVR	MARINE	4	60	50	70 (B) BASE	46
AVR	MARINE	4	60	50	90 (F) BASE	47
AVR	MARINE	4	60	50	110 (H) BASE	48
AVR	MARINE	6	50	50	70 (B) BASE	49
AVR	MARINE	6	50	50	90 (F) BASE	49
AVR	MARINE	6	50	50	110 (H) BASE	50
AVR	MARINE	6	60	50	70 (B) BASE	51
AVR	MARINE	6	60	50	90 (F) BASE	51
AVR	MARINE	6	60	50	110 (H) BASE	52
TRANSFORMER	INDUSTRIAL	4	50	40	BASE	53
TRANSFORMER	INDUSTRIAL	4	60	40	BASE	54

In addition to the indexes above, the pages in this book are marked in the bottom corner of each page with the following codes for ease of recognition. The top corner of each page is marked with the frequency and number of poles.

- B** Base rating with class "B" temperature rise.
- F** Base rating with class "F" temperature rise.
- H** Base rating with class "H" temperature rise.
- SB 40** Peak rating based on 40°C ambient temperature.
- SB 27** Peak rating based on 27°C ambient temperature.
- T** Transformer controlled alternators - not thermally rated.

Ratings Table for STAMFORD P80 Alternators

Low Voltage

1. APPLICATION	2. POLES	3. FREQUENCY (Hz)	4. AMBIENT TEMP	5. TEMP RISE	PAGE No.
INDUSTRIAL	4	50	40	STANDBY 150 (H)	55
INDUSTRIAL	4	50	40	CONTINUOUS 125 (H)	55
INDUSTRIAL	4	50	40	CONTINUOUS 105 (F)	55
INDUSTRIAL	4	50	40	CONTINUOUS 80 (B)	55
INDUSTRIAL	4	60	40	STANDBY 150 (H)	56
INDUSTRIAL	4	60	40	CONTINUOUS 125 (H)	56
INDUSTRIAL	4	60	40	CONTINUOUS 105 (F)	56
INDUSTRIAL	4	60	40	CONTINUOUS 80 (B)	56

Medium Voltage

1. APPLICATION	2. POLES	3. FREQUENCY (Hz)	4. AMBIENT TEMP	5. TEMP RISE	PAGE No.
INDUSTRIAL	4	50	40	STANDBY 150 (H)	57
INDUSTRIAL	4	50	40	CONTINUOUS 125 (H)	57
INDUSTRIAL	4	50	40	CONTINUOUS 105 (F)	57
INDUSTRIAL	4	50	40	CONTINUOUS 80 (B)	57
INDUSTRIAL	4	60	40	STANDBY 150 (H)	57
INDUSTRIAL	4	60	40	CONTINUOUS 125 (H)	57
INDUSTRIAL	4	60	40	CONTINUOUS 105 (F)	57
INDUSTRIAL	4	60	40	CONTINUOUS 80 (B)	57

High Voltage

1. APPLICATION	2. POLES	3. FREQUENCY (Hz)	4. AMBIENT TEMP	5. TEMP RISE	PAGE No.
INDUSTRIAL	4	50	40	STANDBY 125 (F)	58
INDUSTRIAL	4	50	40	CONTINUOUS 105 (F)	58
INDUSTRIAL	4	50	40	CONTINUOUS 80 (B)	58
INDUSTRIAL	4	50	40	STANDBY 125 (F)	59
INDUSTRIAL	4	60	40	CONTINUOUS 105 (F)	59
INDUSTRIAL	4	60	40	CONTINUOUS 80 (B)	59

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	380 - 415		440													
PARALLEL STAR	190 - 208		220													
SERIES DELTA	220 - 240		254													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	11.5	9.2	11.0	8.8	7.0	5.6	7.0	5.6	7.0	5.6	7.0	7.0	7.0	7.0	7.0	7.0
PI 042E	13.5	10.8	13.3	10.6	8.3	6.6	8.3	6.6	8.3	6.6	8.3	8.3	8.3	8.3	8.3	8.3
PI 042F	16.0	12.8	15.1	12.1	9.6	7.7	9.6	7.7	9.6	7.7	9.6	9.6	9.6	9.6	9.6	9.6
PI 042G	18.0	14.4	17.5	14.0	10.8	8.6	10.8	8.6	10.8	8.6	10.8	10.8	10.8	10.8	10.8	10.8

PI 142D	22.5	18.0	22.0	17.6	13.8	11.0	13.8	11.0	13.8	11.0	13.8	13.8	13.8	13.8	13.8	13.8
PI 142E	25.0	20.0	24.0	19.2	15.0	12.0	15.0	12.0	15.0	12.0	15.0	15.0	15.0	15.0	15.0	15.0
PI 142F	29.3	23.4	28.3	22.6	17.6	14.1	17.6	14.1	17.6	14.1	17.6	17.6	17.6	17.6	17.6	17.6
PI 142G	34.5	27.6	33.0	26.4	20.7	16.6	20.7	16.6	20.7	16.6	20.7	20.7	20.7	20.7	20.7	20.7
PI 142H	36.0	28.8	35.0	28.0	21.6	17.3	21.6	17.3	21.6	17.3	21.6	21.6	21.6	21.6	21.6	21.6
PI 142J	40.5	32.4	39.3	31.4	24.3	19.4	24.3	19.4	24.3	19.4	24.3	24.3	24.3	24.3	24.3	24.3

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
2 Pole

	1 PHASE (DEDICATED)											
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	7.5	6.0	7.5	6.0	7.5	6.0	7.5	7.5	7.5	7.5	7.5	7.5
PI 042E	9.0	7.2	9.0	7.2	9.0	7.2	9.0	9.0	9.0	9.0	9.0	9.0
PI 042F	10.6	8.5	10.6	8.5	10.6	8.5	10.6	10.6	10.6	10.6	10.6	10.6
PI 042G	12.0	9.6	12.0	9.6	12.0	9.6	12.0	12.0	12.0	12.0	12.0	12.0

PI 142D	15.0	12.0	15.0	12.0	15.0	12.0	15.0	15.0	15.0	15.0	15.0	15.0
PI 142E	16.6	13.3	16.6	13.3	16.6	13.3	16.6	16.6	16.6	16.6	16.6	16.6
PI 142F	19.3	15.4	19.3	15.4	19.3	15.4	19.3	19.3	19.3	19.3	19.3	19.3
PI 142G	22.5	18.0	22.5	18.0	22.5	18.0	22.5	22.5	22.5	22.5	22.5	22.5
PI 142H	24.0	19.2	24.0	19.2	24.0	19.2	24.0	24.0	24.0	24.0	24.0	24.0
PI 142J	27.2	21.8	27.2	21.8	27.2	21.8	27.2	27.2	27.2	27.2	27.2	27.2

CLASS
105 / 40
F
TEMP RISE

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 125°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	380 - 415		440													
PARALLEL STAR	190 - 208		220													
SERIES DELTA	220 - 240		254													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	12.5	10.0	12.1	9.7	7.5	6.0	7.5	6.0	7.5	6.0	7.5	7.5	7.5	7.5	7.5	7.5
PI 042E	15.0	12.0	14.6	11.7	9.0	7.2	9.0	7.2	9.0	7.2	9.0	9.0	9.0	9.0	9.0	9.0
PI 042F	17.5	14.0	17.0	13.6	10.5	8.4	10.5	8.4	10.5	8.4	10.5	10.5	10.5	10.5	10.5	10.5
PI 042G	20.0	16.0	19.4	15.5	12.0	9.6	12.0	9.6	12.0	9.6	12.0	12.0	12.0	12.0	12.0	12.0

PI 142D	25.0	20.0	24.3	19.4	15.0	12.0	15.0	12.0	15.0	12.0	15.0	15.0	15.0	15.0	15.0	15.0
PI 142E	27.5	22.0	26.7	21.4	16.5	13.2	16.5	13.2	16.5	13.2	16.5	16.5	16.5	16.5	16.5	16.5
PI 142F	32.0	25.6	31.0	24.8	19.2	15.4	19.2	15.4	19.2	15.4	19.2	19.2	19.2	19.2	19.2	19.2
PI 142G	37.5	30.0	36.4	29.1	22.5	18.0	22.5	18.0	22.5	18.0	22.5	22.5	22.5	22.5	22.5	22.5
PI 142H	40.0	32.0	38.8	31.0	24.0	19.2	24.0	19.2	24.0	19.2	24.0	24.0	24.0	24.0	24.0	24.0
PI 142J	45.0	36.0	43.7	35.0	27.0	21.6	27.0	21.6	27.0	21.6	27.0	27.0	27.0	27.0	27.0	27.0

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 125°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	8.4	6.7	8.4	6.7	8.4	6.7	8.4	8.4	8.4	8.4	8.4	8.4
PI 042E	10.1	8.1	10.1	8.1	10.1	8.1	10.1	10.1	10.1	10.1	10.1	10.1
PI 042F	11.7	9.4	11.7	9.4	11.7	9.4	11.7	11.7	11.7	11.7	11.7	11.7
PI 042G	13.4	10.7	13.4	10.7	13.4	10.7	13.4	13.4	13.4	13.4	13.4	13.4

PI 142D	16.8	13.4	16.8	13.4	16.8	13.4	16.8	16.8	16.8	16.8	16.8	16.8
PI 142E	18.4	14.7	18.4	14.7	18.4	14.7	18.4	18.4	18.4	18.4	18.4	18.4
PI 142F	21.4	17.1	21.4	17.1	21.4	17.1	21.4	21.4	21.4	21.4	21.4	21.4
PI 142G	25.1	20.1	25.1	20.1	25.1	20.1	25.1	25.1	25.1	25.1	25.1	25.1
PI 142H	26.8	21.4	26.8	21.4	26.8	21.4	26.8	26.8	26.8	26.8	26.8	26.8
PI 142J	30.2	24.2	30.2	24.2	30.2	24.2	30.2	30.2	30.2	30.2	30.2	30.2

CLASS
125 / 40
H
TEMP RISE

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	380 - 415		440													
PARALLEL STAR	190 - 208		220													
SERIES DELTA	220 - 240		254													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	13.5	10.8	13.1	10.5	8.1	6.5	8.1	6.5	8.1	6.5	8.1	8.1	8.1	8.1	8.1	8.1
PI 042E	16.2	13.0	15.8	12.6	9.7	7.8	9.7	7.8	9.7	7.8	9.7	9.7	9.7	9.7	9.7	9.7
PI 042F	18.9	15.1	18.4	14.7	11.3	9.0	11.3	9.0	11.3	9.0	11.3	11.3	11.3	11.3	11.3	11.3
PI 042G	21.6	17.3	21.0	16.8	13.0	10.4	13.0	10.4	13.0	10.4	13.0	13.0	13.0	13.0	13.0	13.0

PI 142D	27.0	21.6	26.2	21.0	16.2	13.0	16.2	13.0	16.2	13.0	16.2	16.2	16.2	16.2	16.2	16.2
PI 142E	29.7	23.8	28.8	23.0	17.8	14.2	17.8	14.2	17.8	14.2	17.8	17.8	17.8	17.8	17.8	17.8
PI 142F	34.6	27.7	33.5	26.8	20.7	16.6	20.7	16.6	20.7	16.6	20.7	20.7	20.7	20.7	20.7	20.7
PI 142G	40.5	32.4	39.3	31.4	24.3	19.4	24.3	19.4	24.3	19.4	24.3	24.3	24.3	24.3	24.3	24.3
PI 142H	43.2	34.6	41.9	33.5	25.9	20.7	25.9	20.7	25.9	20.7	25.9	25.9	25.9	25.9	25.9	25.9
PI 142J	48.6	38.9	47.2	37.8	29.2	23.4	29.2	23.4	29.2	23.4	29.2	29.2	29.2	29.2	29.2	29.2

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	9.1	7.3	9.1	7.3	9.1	7.3	9.1	9.1	9.1	9.1	9.1	9.1
PI 042E	10.9	8.7	10.9	8.7	10.9	8.7	10.9	10.9	10.9	10.9	10.9	10.9
PI 042F	12.6	10.1	12.6	10.1	12.6	10.1	12.6	12.6	12.6	12.6	12.6	12.6
PI 042G	14.5	11.6	14.5	11.6	14.5	11.6	14.5	14.5	14.5	14.5	14.5	14.5

PI 142D	18.1	14.5	18.1	14.5	18.1	14.5	18.1	18.1	18.1	18.1	18.1	18.1
PI 142E	19.9	15.9	19.9	15.9	19.9	15.9	19.9	19.9	19.9	19.9	19.9	19.9
PI 142F	23.1	18.5	23.1	18.5	23.1	18.5	23.1	23.1	23.1	23.1	23.1	23.1
PI 142G	27.1	21.7	27.1	21.7	27.1	21.7	27.1	27.1	27.1	27.1	27.1	27.1
PI 142H	28.9	23.1	28.9	23.1	28.9	23.1	28.9	28.9	28.9	28.9	28.9	28.9
PI 142J	32.6	26.1	32.6	26.1	32.6	26.1	32.6	32.6	32.6	32.6	32.6	32.6

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	380 - 415		440													
PARALLEL STAR	190 - 208		220													
SERIES DELTA	220 - 240		254													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	13.8	11.0	13.3	10.6	8.3	6.6	8.3	6.6	8.3	6.6	8.3	8.3	8.3	8.3	8.3	8.3
PI 042E	16.5	13.2	16.1	12.9	9.9	7.9	9.9	7.9	9.9	7.9	9.9	9.9	9.9	9.9	9.9	9.9
PI 042F	19.3	15.4	18.7	15.0	11.6	9.3	11.6	9.3	11.6	9.3	11.6	11.6	11.6	11.6	11.6	11.6
PI 042G	22.0	17.6	21.3	17.0	13.2	10.6	13.2	10.6	13.2	10.6	13.2	13.2	13.2	13.2	13.2	13.2

PI 142D	27.5	22.0	26.7	21.4	16.5	13.2	16.5	13.2	16.5	13.2	16.5	16.5	16.5	16.5	16.5	16.5
PI 142E	30.3	24.2	29.4	23.5	18.2	14.6	18.2	14.6	18.2	14.6	18.2	18.2	18.2	18.2	18.2	18.2
PI 142F	35.2	28.2	34.1	27.3	21.1	16.9	21.1	16.9	21.1	16.9	21.1	21.1	21.1	21.1	21.1	21.1
PI 142G	41.3	33.0	40.0	32.0	24.8	19.8	24.8	19.8	24.8	19.8	24.8	24.8	24.8	24.8	24.8	24.8
PI 142H	44.0	35.2	42.7	34.2	26.4	21.1	26.4	21.1	26.4	21.1	26.4	26.4	26.4	26.4	26.4	26.4
PI 142J	49.5	39.6	48.1	38.5	29.7	23.8	29.7	23.8	29.7	23.8	29.7	29.7	29.7	29.7	29.7	29.7

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	10.0	8.0	10.0	8.0	10.0	8.0	10.0	10.0	10.0	10.0	10.0	10.0
PI 042E	12.0	9.6	12.0	9.6	12.0	9.6	12.0	12.0	12.0	12.0	12.0	12.0
PI 042F	13.9	11.1	13.9	11.1	13.9	11.1	13.9	13.9	13.9	13.9	13.9	13.9
PI 042G	15.9	12.7	15.9	12.7	15.9	12.7	15.9	15.9	15.9	15.9	15.9	15.9

PI 142D	20.0	16.0	20.0	16.0	20.0	16.0	20.0	20.0	20.0	20.0	20.0	20.0
PI 142E	21.9	17.5	21.9	17.5	21.9	17.5	21.9	21.9	21.9	21.9	21.9	21.9
PI 142F	25.4	20.3	25.4	20.3	25.4	20.3	25.4	25.4	25.4	25.4	25.4	25.4
PI 142G	29.8	23.8	29.8	23.8	29.8	23.8	29.8	29.8	29.8	29.8	29.8	29.8
PI 142H	31.8	25.4	31.8	25.4	31.8	25.4	31.8	31.8	31.8	31.8	31.8	31.8
PI 142J	35.9	28.7	35.9	28.7	35.9	28.7	35.9	35.9	35.9	35.9	35.9	35.9

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
60 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	416		440 - 480													
PARALLEL STAR	208		220 - 240													
SERIES DELTA	240		254 - 277													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	12.4	9.9	13.2	10.6	6.7	5.4	7.1	5.7	7.4	5.9	6.7	6.7	7.1	7.1	7.4	7.4
PI 042E	14.9	11.9	15.8	12.6	8.1	6.5	8.6	6.9	8.9	7.1	8.1	8.1	8.6	8.6	8.9	8.9
PI 042F	17.1	13.7	18.1	14.5	9.2	7.4	9.8	7.8	10.2	8.2	9.2	9.2	9.8	9.8	10.2	10.2
PI 042G	19.8	15.8	21.0	16.8	10.7	8.6	11.3	9.0	11.8	9.4	10.7	10.7	11.3	11.3	11.8	11.8

PI 142D	22.5	18.0	23.9	19.1	12.2	9.8	12.9	10.3	13.4	10.7	12.2	12.2	12.9	12.9	13.4	13.4
PI 142E	27.9	22.3	29.6	23.7	15.1	12.1	16.0	12.8	16.6	13.3	15.1	15.1	16.0	16.0	16.6	16.6
PI 142F	31.5	25.2	33.4	26.7	17.0	13.6	18.0	14.4	18.7	15.0	17.0	17.0	18.0	18.0	18.7	18.7
PI 142G	36.0	28.8	38.2	30.6	19.4	15.5	20.6	16.5	21.4	17.1	19.4	19.4	20.6	20.6	21.4	21.4
PI 142H	42.3	33.8	44.8	35.8	22.8	18.2	24.2	19.4	25.1	20.1	22.8	22.8	24.2	24.2	25.1	25.1
PI 142J	45.0	36.0	47.7	38.2	24.3	19.4	25.8	20.6	26.7	21.4	24.3	24.3	25.8	25.8	26.7	26.7

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
60 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	8.4	6.7	8.4	6.7	8.4	6.7	8.4	8.4	8.4	8.4	8.4	8.4
PI 042E	10.2	8.2	10.2	8.2	10.2	8.2	10.2	10.2	10.2	10.2	10.2	10.2
PI 042F	11.6	9.3	11.6	9.3	11.6	9.3	11.6	11.6	11.6	11.6	11.6	11.6
PI 042G	13.5	10.8	13.5	10.8	13.5	10.8	13.5	13.5	13.5	13.5	13.5	13.5

PI 142D	15.3	12.2	15.3	12.2	15.3	12.2	15.3	15.3	15.3	15.3	15.3	15.3
PI 142E	19.0	15.2	19.0	15.2	19.0	15.2	19.0	19.0	19.0	19.0	19.0	19.0
PI 142F	21.4	17.1	21.4	17.1	21.4	17.1	21.4	21.4	21.4	21.4	21.4	21.4
PI 142G	24.5	19.6	24.5	19.6	24.5	19.6	24.5	24.5	24.5	24.5	24.5	24.5
PI 142H	28.8	23.0	28.8	23.0	28.8	23.0	28.8	28.8	28.8	28.8	28.8	28.8
PI 142J	30.6	24.5	30.6	24.5	30.6	24.5	30.6	30.6	30.6	30.6	30.6	30.6

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 125°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
60 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	416		440 - 480													
PARALLEL STAR	208		220 - 240													
SERIES DELTA	240		254 - 277													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	13.8	11.0	14.6	11.7	7.5	6.0	7.9	6.3	8.2	6.6	7.5	7.5	7.9	7.9	8.2	8.2
PI 042E	16.6	13.3	17.6	14.1	9.0	7.2	9.5	7.6	9.9	7.9	9.0	9.0	9.5	9.5	9.9	9.9
PI 042F	19.0	15.2	20.1	16.1	10.3	8.2	10.9	8.7	11.3	9.0	10.3	10.3	10.9	10.9	11.3	11.3
PI 042G	22.0	17.6	23.3	18.6	11.9	9.5	12.6	10.1	13.1	10.5	11.9	11.9	12.6	12.6	13.1	13.1

PI 142D	25.0	20.0	26.5	21.2	13.5	10.8	14.3	11.4	14.8	11.8	13.5	13.5	14.3	14.3	14.8	14.8
PI 142E	31.0	24.8	32.9	26.3	16.7	13.4	17.7	14.2	18.4	14.7	16.7	16.7	17.7	17.7	18.4	18.4
PI 142F	35.0	28.0	37.1	29.7	18.9	15.1	20.0	16.0	20.8	16.6	18.9	18.9	20.0	20.0	20.8	20.8
PI 142G	40.0	32.0	42.4	33.9	21.6	17.3	22.9	18.3	23.7	19.0	21.6	21.6	22.9	22.9	23.7	23.7
PI 142H	47.0	37.6	49.8	39.8	25.4	20.3	26.9	21.5	27.9	22.3	25.4	25.4	26.9	26.9	27.9	27.9
PI 142J	50.0	40.0	53.0	42.4	27.0	21.6	28.6	22.9	29.7	23.8	27.0	27.0	28.6	28.6	29.7	29.7

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 125°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
60 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	9.4	7.5	9.4	7.5	9.4	7.5	9.4	9.4	9.4	9.4	9.4	9.4
PI 042E	11.3	9.0	11.3	9.0	11.3	9.0	11.3	11.3	11.3	11.3	11.3	11.3
PI 042F	12.9	10.3	12.9	10.3	12.9	10.3	12.9	12.9	12.9	12.9	12.9	12.9
PI 042G	15.0	12.0	15.0	12.0	15.0	12.0	15.0	15.0	15.0	15.0	15.0	15.0

PI 142D	17.0	13.6	17.0	13.6	17.0	13.6	17.0	17.0	17.0	17.0	17.0	17.0
PI 142E	21.1	16.9	21.1	16.9	21.1	16.9	21.1	21.1	21.1	21.1	21.1	21.1
PI 142F	23.8	19.0	23.8	19.0	23.8	19.0	23.8	23.8	23.8	23.8	23.8	23.8
PI 142G	27.2	21.8	27.2	21.8	27.2	21.8	27.2	27.2	27.2	27.2	27.2	27.2
PI 142H	32.0	25.6	32.0	25.6	32.0	25.6	32.0	32.0	32.0	32.0	32.0	32.0
PI 142J	34.0	27.2	34.0	27.2	34.0	27.2	34.0	34.0	34.0	34.0	34.0	34.0

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	416		440 - 480													
PARALLEL STAR	208		220 - 240													
SERIES DELTA	240		254 - 277													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	14.9	11.9	15.8	12.6	8.0	6.4	8.5	6.8	8.8	7.0	8.0	8.0	8.5	8.5	8.8	8.8
PI 042E	17.9	14.3	19.0	15.2	9.7	7.8	10.3	8.2	10.6	8.5	9.7	9.7	10.3	10.3	10.6	10.6
PI 042F	20.5	16.4	21.8	17.4	11.1	8.9	11.7	9.4	12.2	9.8	11.1	11.1	11.7	11.7	12.2	12.2
PI 042G	23.8	19.0	25.2	20.2	12.8	10.2	13.6	10.9	14.1	11.3	12.8	12.8	13.6	13.6	14.1	14.1

PI 142D	27.0	21.6	28.6	22.9	14.6	11.7	15.5	12.4	16.0	12.8	14.6	14.6	15.5	15.5	16.0	16.0
PI 142E	33.5	26.8	35.5	28.4	18.1	14.5	19.2	15.4	19.9	15.9	18.1	18.1	19.2	19.2	19.9	19.9
PI 142F	37.8	30.2	40.1	32.1	20.4	16.3	21.6	17.3	22.4	17.9	20.4	20.4	21.6	21.6	22.4	22.4
PI 142G	43.2	34.6	45.8	36.6	23.3	18.6	24.7	19.8	25.6	20.5	23.3	23.3	24.7	24.7	25.6	25.6
PI 142H	50.8	40.6	53.8	43.0	27.4	21.9	29.1	23.3	30.1	24.1	27.4	27.4	29.1	29.1	30.1	30.1
PI 142J	54.0	43.2	57.2	45.8	29.2	23.4	30.9	24.7	32.1	25.7	29.2	29.2	30.9	30.9	32.1	32.1

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	10.1	8.1	10.1	8.1	10.1	8.1	10.1	10.1	10.1	10.1	10.1	10.1
PI 042E	12.2	9.8	12.2	9.8	12.2	9.8	12.2	12.2	12.2	12.2	12.2	12.2
PI 042F	14.0	11.2	14.0	11.2	14.0	11.2	14.0	14.0	14.0	14.0	14.0	14.0
PI 042G	16.2	13.0	16.2	13.0	16.2	13.0	16.2	16.2	16.2	16.2	16.2	16.2

PI 142D	18.4	14.7	18.4	14.7	18.4	14.7	18.4	18.4	18.4	18.4	18.4	18.4
PI 142E	22.8	18.2	22.8	18.2	22.8	18.2	22.8	22.8	22.8	22.8	22.8	22.8
PI 142F	25.7	20.6	25.7	20.6	25.7	20.6	25.7	25.7	25.7	25.7	25.7	25.7
PI 142G	29.4	23.5	29.4	23.5	29.4	23.5	29.4	29.4	29.4	29.4	29.4	29.4
PI 142H	34.5	27.6	34.5	27.6	34.5	27.6	34.5	34.5	34.5	34.5	34.5	34.5
PI 142J	36.7	29.4	36.7	29.4	36.7	29.4	36.7	36.7	36.7	36.7	36.7	36.7

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
2 Pole

	3 PHASE (12 WIRE)				1 PHASE (12 WIRE)											
	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																
SERIES STAR	416		440 - 480													
PARALLEL STAR	208		220 - 240													
SERIES DELTA	240		254 - 277													
DOUBLE DELTA					220		230		240		220		230		240	
WINDING NO.	311		311		311		311		311		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	15.2	12.2	16.1	12.9	8.2	6.6	8.7	7.0	9.0	7.2	8.2	8.2	8.7	8.7	9.0	9.0
PI 042E	18.3	14.6	19.4	15.5	9.9	7.9	10.5	8.4	10.8	8.6	9.9	9.9	10.5	10.5	10.8	10.8
PI 042F	20.9	16.7	22.2	17.8	11.3	9.0	12.0	9.6	12.4	9.9	11.3	11.3	12.0	12.0	12.4	12.4
PI 042G	24.2	19.4	25.7	20.6	13.1	10.5	13.9	11.1	14.4	11.5	13.1	13.1	13.9	13.9	14.4	14.4

PI 142D	27.5	22.0	29.2	23.4	14.9	11.9	15.7	12.6	16.3	13.0	14.9	14.9	15.7	15.7	16.3	16.3
PI 142E	34.1	27.3	36.1	28.9	18.4	14.7	19.5	15.6	20.2	16.2	18.4	18.4	19.5	19.5	20.2	20.2
PI 142F	38.5	30.8	40.8	32.6	20.8	16.6	22.0	17.6	22.9	18.3	20.8	20.8	22.0	22.0	22.9	22.9
PI 142G	44.0	35.2	46.6	37.3	23.8	19.0	25.2	20.2	26.1	20.9	23.8	23.8	25.2	25.2	26.1	26.1
PI 142H	51.7	41.4	54.8	43.8	27.9	22.3	29.6	23.7	30.7	24.6	27.9	27.9	29.6	29.6	30.7	30.7
PI 142J	55.0	44.0	58.3	46.6	29.7	23.8	31.5	25.2	32.6	26.1	29.7	29.7	31.5	31.5	32.6	32.6

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
2 Pole

	1 PHASE (DEDICATED)											
	0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 042D	10.3	8.2	10.3	8.2	10.3	8.2	10.3	10.3	10.3	10.3	10.3	10.3
PI 042E	12.4	9.9	12.4	9.9	12.4	9.9	12.4	12.4	12.4	12.4	12.4	12.4
PI 042F	14.2	11.4	14.2	11.4	14.2	11.4	14.2	14.2	14.2	14.2	14.2	14.2
PI 042G	16.5	13.2	16.5	13.2	16.5	13.2	16.5	16.5	16.5	16.5	16.5	16.5

PI 142D	18.7	15.0	18.7	15.0	18.7	15.0	18.7	18.7	18.7	18.7	18.7	18.7
PI 142E	23.2	18.6	23.2	18.6	23.2	18.6	23.2	23.2	23.2	23.2	23.2	23.2
PI 142F	26.2	21.0	26.2	21.0	26.2	21.0	26.2	26.2	26.2	26.2	26.2	26.2
PI 142G	29.9	23.9	29.9	23.9	29.9	23.9	29.9	29.9	29.9	29.9	29.9	29.9
PI 142H	35.2	28.2	35.2	28.2	35.2	28.2	35.2	35.2	35.2	35.2	35.2	35.2
PI 142J	37.4	29.9	37.4	29.9	37.4	29.9	37.4	37.4	37.4	37.4	37.4	37.4

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
4 Pole

	3 PHASE (12 WIRE)										1 PHASE (12 WIRE)					
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220		230		240	
WINDING NO.	311		311		311		311		25		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	6.8	5.4	6.8	5.4	6.8	5.4	6.5	5.2	N/A	N/A	4.1	3.3	4.1	3.3	4.1	3.3
PI 044E	9.1	7.3	9.1	7.3	9.1	7.3	8.6	6.9	N/A	N/A	5.5	4.4	5.5	4.4	5.5	4.4
PI 044F	11.4	9.1	11.4	9.1	11.4	9.1	10.8	8.6	N/A	N/A	6.8	5.4	6.8	5.4	6.8	5.4
PI 044G	13.7	11.0	13.7	11.0	13.7	11.0	13.0	10.4	N/A	N/A	8.2	6.6	8.2	6.6	8.2	6.6
PI 044H	16.0	12.8	16.0	12.8	16.0	12.8	15.2	12.2	N/A	N/A	9.6	7.7	9.6	7.7	9.6	7.7

PI 144D	18.2	14.6	18.2	14.6	18.2	14.6	17.3	13.8	N/A	N/A	10.9	8.7	10.9	8.7	10.9	8.7
PI 144E	22.8	18.2	22.8	18.2	22.8	18.2	21.6	17.3	N/A	N/A	13.7	11.0	13.7	11.0	13.7	11.0
PI 144F	25.0	20.0	25.0	20.0	25.0	20.0	23.8	19.0	N/A	N/A	15.0	12.0	15.0	12.0	15.0	12.0
PI 144G	27.5	22.0	27.5	22.0	27.5	22.0	26.1	20.9	N/A	N/A	16.5	13.2	16.5	13.2	16.5	13.2
PI 144H	32.0	25.6	32.0	25.6	32.0	25.6	30.4	24.3	N/A	N/A	19.2	15.4	19.2	15.4	19.2	15.4
PI 144J	36.5	29.2	36.5	29.2	36.5	29.2	34.7	27.8	N/A	N/A	21.9	17.5	21.9	17.5	21.9	17.5
PI 144K	37.5	30.0	37.5	30.0	37.5	30.0	35.6	28.5	N/A	N/A	23.0	18.4	23.0	18.4	23.0	18.4

UCI 224C	37.5	30.0	37.5	30.0	37.5	30.0	27.0	21.6	34.5	27.6	25.0	20.0	25.0	20.0	25.0	20.0
UCI 224D	45.0	36.0	45.0	36.0	45.0	36.0	33.6	26.9	45.0	36.0	30.0	24.0	30.0	24.0	30.0	24.0
UCI 224E	53.0	42.4	53.0	42.4	53.0	42.4	40.3	32.2	N/A	N/A	35.5	28.4	35.5	28.4	35.5	28.4
UCI 224F	65.0	52.0	65.0	52.0	65.0	52.0	48.7	39.0	60.0	48.0	43.5	34.8	43.5	34.8	43.5	34.8
UCI 224G	75.0	60.0	75.0	60.0	75.0	60.0	67.4	53.9	73.5	58.8	50.0	40.0	50.0	40.0	50.0	40.0

UCI 274C	84.0	67.2	84.0	67.2	84.0	67.2	N/A	N/A	84.0	67.2	50.0	40.0	50.0	40.0	50.0	40.0
UCI 274D	100.0	80.0	108.0	86.4	100.0	80.0	N/A	N/A	100.0	80.0	60.0	48.0	60.0	48.0	60.0	48.0
UCI 274E	125.0	100.0	125.0	100.0	125.0	100.0	N/A	N/A	125.0	100.0	75.0	60.0	75.0	60.0	75.0	60.0
UCI 274F	145.0	116.0	145.0	116.0	145.0	116.0	N/A	N/A	145.0	116.0	87.0	69.6	87.0	69.6	87.0	69.6
UCI 274G	164.6	131.7	164.6	131.7	164.6	131.7	N/A	N/A	160.0	128.0	98.7	79.0	98.7	79.0	98.7	79.0
UCI 274H	182.0	145.6	182.0	145.6	182.0	145.6	N/A	N/A	182.0	145.6	110.0	88.0	110.0	88.0	110.0	88.0

UCDI 274J	210.0	168.0	210.0	168.0	210.0	168.0	N/A	N/A	N/A	N/A	126.0	100.8	126.0	100.8	126.0	100.8
UCDI 274K	229.0	183.2	229.0	183.2	229.0	183.2	N/A	N/A	N/A	N/A	137.0	109.6	137.0	109.6	137.0	109.6

1 PHASE (DEDICATED)												
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	4.6	3.7	4.6	3.7	4.6	3.7	5.5	5.5	5.5	5.5	5.5	5.5
PI 044E	6.1	4.9	6.1	4.9	6.1	4.9	7.3	7.3	7.3	7.3	7.3	7.3
PI 044F	7.6	6.1	7.6	6.1	7.6	6.1	9.1	9.1	9.1	9.1	9.1	9.1
PI 044G	9.2	7.4	9.2	7.4	9.2	7.4	11.0	11.0	11.0	11.0	11.0	11.0
PI 044H	10.7	8.6	10.7	8.6	10.7	8.6	12.8	12.8	12.8	12.8	12.8	12.8

PI 144D	12.4	9.9	12.4	9.9	12.4	9.9	13.4	13.4	13.4	13.4	13.4	13.4
PI 144E	15.5	12.4	15.5	12.4	15.5	12.4	16.7	16.7	16.7	16.7	16.7	16.7
PI 144F	17.0	13.6	17.0	13.6	17.0	13.6	18.4	18.4	18.4	18.4	18.4	18.4
PI 144G	18.7	15.0	18.7	15.0	18.7	15.0	20.2	20.2	20.2	20.2	20.2	20.2
PI 144H	21.8	17.4	21.8	17.4	21.8	17.4	23.5	23.5	23.5	23.5	23.5	23.5
PI 144J	24.9	19.9	24.9	19.9	24.9	19.9	26.9	26.9	26.9	26.9	26.9	26.9
PI 144K	25.0	20.0	25.0	20.0	25.0	20.0	27.0	27.0	27.0	27.0	27.0	27.0

UCI 224C	25.0	20.0	25.0	20.0	25.0	20.0	25.0	25.0	25.0	25.0	25.0	25.0
UCI 224D	31.5	25.2	31.5	25.2	31.5	25.2	31.5	31.5	31.5	31.5	31.5	31.5
UCI 224E	36.0	28.8	36.0	28.8	36.0	28.8	36.0	36.0	36.0	36.0	36.0	36.0
UCI 224F	45.0	36.0	45.0	36.0	45.0	36.0	45.0	45.0	45.0	45.0	45.0	45.0
UCI 224G	54.0	43.2	54.0	43.2	54.0	43.2	54.0	54.0	54.0	54.0	54.0	54.0

UCI 274C	60.0	48.0	60.0	48.0	60.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
UCI 274D	66.3	53.0	66.3	53.0	66.3	53.0	66.3	66.3	66.3	66.3	66.3	66.3
UCI 274E	84.0	67.2	84.0	67.2	84.0	67.2	84.0	84.0	84.0	84.0	84.0	84.0
UCI 274F	100.0	80.0	100.0	80.0	100.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
UCI 274G	108.0	86.4	108.0	86.4	108.0	86.4	108.0	108.0	108.0	108.0	108.0	108.0
UCI 274H	125.0	100.0	125.0	100.0	125.0	100.0	125.0	125.0	125.0	125.0	125.0	125.0

UCDI 274J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UCDI 274K	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	3 PHASE (12 / 6 WIRE **)										1 PHASE (12 WIRE)					
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
* PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220		230		240	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	230	184	230	184	230	184	230	184	230	184	115	92	115	92	115	92
HCI 444D	280	224	280	224	280	224	270	216	280	224	140	112	140	112	140	112
HCI 444E	320	256	320	256	320	256	320	256	310	248	160	128	160	128	160	128
HCI 444F	370	296	370	296	370	296	370	296	370	296	185	148	185	148	185	148

HCI 544C	400	320	445	356	400	320	400	320	375	300	160	128	160	128	160	128
HCI 544D	450	360	495	396	450	360	450	360	450	360	180	144	180	144	180	144
HCI 544E 1	550	440	560	448	550	440	550	440	510	408	220	176	220	176	220	176
HCI 544F	620	496	620	496	620	496	600	480	620	496	245	196	245	196	245	196

HCKI 544C	420	336	465	372	420	336	420	336	375	300	160	128	160	128	160	128
HCKI 544D	462	370	510	408	462	370	462	370	450	360	180	144	180	144	180	144
HCKI 544E 1	554	443	560	448	554	443	535	428	510	408	220	176	220	176	220	176
HCKI 544F	630	504	630	504	630	504	630	504	630	504	245	196	245	196	245	196

HCI 634G 1	750	600	760	608	750	600	750	600	750	600	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 634H 1	830	664	860	688	830	664	800	640	820	656						
HCI 634J 1	900	720	927	742	927	742	900	720	900	720						
HCI 634K 1	1000	800	1018	814	1000	800	1000	800	945	756						

PI 734A 2	1140	912	1175	940	1175	940	1150	920	1175	940	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
PI 734B 2	1265	1012	1305	1044	1305	1044	1280	1024	1305	1044						
PI 734C 2	1400	1120	1445	1156	1445	1156	1415	1132	1405	1124						
PI 734D 2	1500	1200	1540	1232	1540	1232	1505	1204	1535	1228						
PI 734E 2	1715	1372	1770	1416	1770	1416	1735	1388	1645	1316						
PI 734F 2	1880	1504	1935	1548	1935	1548	1900	1520	1935	1548						
PI 734G 2	1985	1588	2050	1640	2050	1640	2005	1604	2000	1600						

* Parallel star is applicable to windings 311 and 25 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 25 is not available on these alternators so parallel star connection giving 330V - 345V is not possible.

2 Delta connection is not available on the P7 alternators.

	3 PHASE (12 WIRE)										1 PHASE (12 WIRE)					
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220		230		240	
WINDING NO.	311		311		311		311		25		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	7.5	6.0	7.5	6.0	7.5	6.0	7.1	5.7	N/A	N/A	4.5	3.6	4.5	3.6	4.5	3.6
PI 044E	10.0	8.0	10.0	8.0	10.0	8.0	9.5	7.6	N/A	N/A	6.0	4.8	6.0	4.8	6.0	4.8
PI 044F	12.5	10.0	12.5	10.0	12.5	10.0	11.9	9.5	N/A	N/A	7.5	6.0	7.5	6.0	7.5	6.0
PI 044G	15.0	12.0	15.0	12.0	15.0	12.0	14.3	11.4	N/A	N/A	9.0	7.2	9.0	7.2	9.0	7.2
PI 044H	17.5	14.0	17.5	14.0	17.5	14.0	16.6	13.3	N/A	N/A	10.5	8.4	10.5	8.4	10.5	8.4

PI 144D	20.0	16.0	20.0	16.0	20.0	16.0	19.0	15.2	N/A	N/A	12.0	9.6	12.0	9.6	12.0	9.6
PI 144E	25.0	20.0	25.0	20.0	25.0	20.0	23.8	19.0	N/A	N/A	15.0	12.0	15.0	12.0	15.0	12.0
PI 144F	27.5	22.0	27.5	22.0	27.5	22.0	26.1	20.9	N/A	N/A	16.5	13.2	16.5	13.2	16.5	13.2
PI 144G	30.0	24.0	30.0	24.0	30.0	24.0	28.5	22.8	N/A	N/A	18.0	14.4	18.0	14.4	18.0	14.4
PI 144H	35.0	28.0	35.0	28.0	35.0	28.0	33.3	26.6	N/A	N/A	21.0	16.8	21.0	16.8	21.0	16.8
PI 144J	40.0	32.0	40.0	32.0	40.0	32.0	38.0	30.4	N/A	N/A	24.0	19.2	24.0	19.2	24.0	19.2
PI 144K	42.5	34.0	42.5	34.0	42.5	34.0	40.4	32.3	N/A	N/A	25.5	20.4	25.5	20.4	25.5	20.4

UCI 224C	42.5	34.0	42.5	34.0	42.5	34.0	30.0	24.0	37.5	30.0	28.5	22.8	28.5	22.8	28.5	22.8
UCI 224D	50.0	40.0	50.0	40.0	50.0	40.0	37.5	30.0	50.0	40.0	33.5	26.8	33.5	26.8	33.5	26.8
UCI 224E	60.0	48.0	60.0	48.0	60.0	48.0	45.0	36.0	N/A	N/A	40.0	32.0	40.0	32.0	40.0	32.0
UCI 224F	72.5	58.0	72.5	58.0	72.5	58.0	55.0	44.0	65.0	52.0	48.5	38.8	48.5	38.8	48.5	38.8
UCI 224G	85.0	68.0	85.0	68.0	85.0	68.0	75.0	60.0	80.0	64.0	56.5	45.2	56.5	45.2	56.5	45.2

UCI 274C	100.0	80.0	100.0	80.0	100.0	80.0	N/A	N/A	100.0	80.0	60.0	48.0	60.0	48.0	60.0	48.0
UCI 274D	114.0	91.2	120.0	96.0	114.0	91.2	N/A	N/A	114.0	91.2	68.0	54.4	68.0	54.4	68.0	54.4
UCI 274E	140.0	112.0	140.0	112.0	140.0	112.0	N/A	N/A	140.0	112.0	85.0	68.0	85.0	68.0	85.0	68.0
UCI 274F	160.0	128.0	160.0	128.0	160.0	128.0	N/A	N/A	160.0	128.0	96.0	76.8	96.0	76.8	96.0	76.8
UCI 274G	182.0	145.6	182.0	145.6	182.0	145.6	N/A	N/A	175.0	140.0	108.0	86.4	108.0	86.4	108.0	86.4
UCI 274H	200.0	160.0	200.0	160.0	200.0	160.0	N/A	N/A	200.0	160.0	120.0	96.0	120.0	96.0	120.0	96.0

UCDI 274J	230.0	184.0	230.0	184.0	230.0	184.0	N/A	N/A	N/A	N/A	138.0	110.4	138.0	110.4	138.0	110.4
UCDI 274K	250.0	200.0	250.0	200.0	250.0	200.0	N/A	N/A	N/A	N/A	150.0	120.0	150.0	120.0	150.0	120.0

1 PHASE (DEDICATED)												
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	5.0	4.0	5.0	4.0	5.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0
PI 044E	6.7	5.4	6.7	5.4	6.7	5.4	8.0	8.0	8.0	8.0	8.0	8.0
PI 044F	8.4	6.7	8.4	6.7	8.4	6.7	10.1	10.1	10.1	10.1	10.1	10.1
PI 044G	10.1	8.1	10.1	8.1	10.1	8.1	12.1	12.1	12.1	12.1	12.1	12.1
PI 044H	11.7	9.4	11.7	9.4	11.7	9.4	14.0	14.0	14.0	14.0	14.0	14.0

PI 144D	13.6	10.9	13.6	10.9	13.6	10.9	14.7	14.7	14.7	14.7	14.7	14.7
PI 144E	17.0	13.6	17.0	13.6	17.0	13.6	18.4	18.4	18.4	18.4	18.4	18.4
PI 144F	18.7	15.0	18.7	15.0	18.7	15.0	20.2	20.2	20.2	20.2	20.2	20.2
PI 144G	20.4	16.3	20.4	16.3	20.4	16.3	22.0	22.0	22.0	22.0	22.0	22.0
PI 144H	23.8	19.0	23.8	19.0	23.8	19.0	25.7	25.7	25.7	25.7	25.7	25.7
PI 144J	27.2	21.8	27.2	21.8	27.2	21.8	29.4	29.4	29.4	29.4	29.4	29.4
PI 144K	28.5	22.8	28.5	22.8	28.5	22.8	30.8	30.8	30.8	30.8	30.8	30.8

UCI 224C	28.0	22.4	28.0	22.4	28.0	22.4	28.0	28.0	28.0	28.0	28.0	28.0
UCI 224D	35.0	28.0	35.0	28.0	35.0	28.0	35.0	35.0	35.0	35.0	35.0	35.0
UCI 224E	40.0	32.0	40.0	32.0	40.0	32.0	40.0	40.0	40.0	40.0	40.0	40.0
UCI 224F	50.0	40.0	50.0	40.0	50.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0
UCI 224G	60.0	48.0	60.0	48.0	60.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0

UCI 274C	66.0	52.8	66.0	52.8	66.0	52.8	66.0	66.0	66.0	66.0	66.0	66.0
UCI 274D	74.0	59.2	74.0	59.2	74.0	59.2	74.0	74.0	74.0	74.0	74.0	74.0
UCI 274E	94.0	75.2	94.0	75.2	94.0	75.2	94.0	94.0	94.0	94.0	94.0	94.0
UCI 274F	110.0	88.0	110.0	88.0	110.0	88.0	110.0	110.0	110.0	110.0	110.0	110.0
UCI 274G	120.0	96.0	120.0	96.0	120.0	96.0	120.0	120.0	120.0	120.0	120.0	120.0
UCI 274H	140.0	112.0	140.0	112.0	140.0	112.0	140.0	140.0	140.0	140.0	140.0	140.0

UCDI 274J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UCDI 274K	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	3 PHASE (12 / 6 WIRE **)										1 PHASE (12 WIRE)					
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
* PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220		230		240	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	250	200	250	200	250	200	250	200	250	200	125	100	125	100	125	100
HCI 444D	300	240	300	240	300	240	290	232	300	240	150	120	150	120	150	120
HCI 444E	350	280	350	280	350	280	350	280	340	272	175	140	175	140	175	140
HCI 444F	400	320	400	320	400	320	400	320	400	320	200	160	200	160	200	160

HCI 544C	455	364	500	400	455	364	450	360	425	340	180	144	180	144	180	144
HCI 544D	500	400	550	440	500	400	500	400	500	400	200	160	200	160	200	160
HCI 544E 1	600	480	610	488	600	480	600	480	560	448	240	192	240	192	240	192
HCI 544F	670	536	670	536	670	536	650	520	670	536	265	212	265	212	265	212

HCKI 544C	450	360	500	400	450	360	450	360	425	340	180	144	180	144	180	144
HCKI 544D	500	400	550	440	500	400	500	400	500	400	200	160	200	160	200	160
HCKI 544E 1	600	480	610	488	600	480	600	480	560	448	240	192	240	192	240	192
HCKI 544F	675	540	675	540	675	540	675	540	675	540	265	212	265	212	265	212

HCI 634G 1	800	640	810	648	800	640	800	640	800	640	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 634H 1	910	728	940	752	910	728	875	700	900	720						
HCI 634J 1	1000	800	1030	824	1030	824	1010	808	1000	800						
HCI 634K 1	1110	888	1135	908	1110	888	1110	888	1050	840						

PI 734A 2	1225	980	1260	1008	1260	1008	1235	988	1260	1008	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
PI 734B 2	1360	1088	1400	1120	1400	1120	1375	1100	1400	1120						
PI 734C 2	1505	1204	1550	1240	1550	1240	1520	1216	1510	1208						
PI 734D 2	1615	1292	1650	1320	1650	1320	1620	1296	1650	1320						
PI 734E 2	1845	1476	1900	1520	1900	1520	1865	1492	1770	1416						
PI 734F 2	2020	1616	2080	1664	2080	1664	2040	1632	2080	1664						
PI 734G 2	2135	1708	2200	1760	2200	1760	2160	1728	2150	1720						

* Parallel star is applicable to windings 311 and 25 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 25 is not available on these alternators, so parallel star connection giving 330V - 345V is not possible.

2 Delta connection is not available on the P7 alternators.

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
4 Pole

	3 PHASE (12 WIRE)										1 PHASE (12 WIRE)					
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220		230		240	
WINDING NO.	311		311		311		311		25		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	8.1	6.5	8.1	6.5	8.1	6.5	7.7	6.2	N/A	N/A	4.9	3.9	4.9	3.9	4.9	3.9
PI 044E	10.8	8.6	10.8	8.6	10.8	8.6	10.3	8.2	N/A	N/A	6.5	5.2	6.5	5.2	6.5	5.2
PI 044F	13.5	10.8	13.5	10.8	13.5	10.8	12.8	10.2	N/A	N/A	8.1	6.5	8.1	6.5	8.1	6.5
PI 044G	16.2	13.0	16.2	13.0	16.2	13.0	15.4	12.3	N/A	N/A	9.7	7.8	9.7	7.8	9.7	7.8
PI 044H	18.9	15.1	18.9	15.1	18.9	15.1	18.0	14.4	N/A	N/A	11.3	9.0	11.3	9.0	11.3	9.0

PI 144D	21.5	17.2	21.5	17.2	21.5	17.2	20.4	16.3	N/A	N/A	12.9	10.3	12.9	10.3	12.9	10.3
PI 144E	26.9	21.5	26.9	21.5	26.9	21.5	25.6	20.5	N/A	N/A	16.1	12.9	16.1	12.9	16.1	12.9
PI 144F	29.6	23.7	29.6	23.7	29.6	23.7	28.1	22.5	N/A	N/A	17.8	14.2	17.8	14.2	17.8	14.2
PI 144G	32.3	25.8	32.3	25.8	32.3	25.8	30.6	24.5	N/A	N/A	19.4	15.5	19.4	15.5	19.4	15.5
PI 144H	37.5	30.0	37.5	30.0	37.5	30.0	35.6	28.5	N/A	N/A	22.5	18.0	22.5	18.0	22.5	18.0
PI 144J	44.0	35.2	44.0	35.2	44.0	35.2	41.8	33.4	N/A	N/A	26.4	21.1	26.4	21.1	26.4	21.1
PI 144K	45.0	36.0	45.0	36.0	45.0	36.0	42.8	34.2	N/A	N/A	27.0	21.6	27.0	21.6	27.0	21.6

UCI 224C	45.0	36.0	45.0	36.0	45.0	36.0	31.7	25.4	39.5	31.6	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
UCI 224D	53.0	42.4	53.0	42.4	53.0	42.4	39.1	31.3	53.0	42.4						
UCI 224E	61.0	48.8	61.0	48.8	61.0	48.8	45.8	36.6	N/A	N/A						
UCI 224F	77.0	61.6	77.0	61.6	77.0	61.6	58.0	46.4	69.0	55.2						
UCI 224G	87.5	70.0	87.5	70.0	87.5	70.0	76.9	61.5	82.0	65.6						

UCI 274C	106.0	84.8	106.0	84.8	106.0	84.8	N/A	N/A	106.0	84.8	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
UCI 274D	121.0	96.8	127.0	101.6	121.0	96.8	N/A	N/A	121.0	96.8						
UCI 274E	145.0	116.0	145.0	116.0	145.0	116.0	N/A	N/A	145.0	116.0						
UCI 274F	170.0	136.0	170.0	136.0	170.0	136.0	N/A	N/A	170.0	136.0						
UCI 274G	187.0	149.6	187.0	149.6	187.0	149.6	N/A	N/A	182.0	145.6						
UCI 274H	212.0	169.6	212.0	169.6	212.0	169.6	N/A	N/A	212.0	169.6						

UCDI 274J	250.0	200.0	250.0	200.0	250.0	200.0	N/A	N/A	N/A	N/A	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
UCDI 274K	265.0	212.0	265.0	212.0	265.0	212.0	N/A	N/A	N/A	N/A						

1 PHASE (DEDICATED)												
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	5.4	4.3	5.4	4.3	5.4	4.3	6.5	6.5	6.5	6.5	6.5	6.5
PI 044E	7.2	5.8	7.2	5.8	7.2	5.8	8.6	8.6	8.6	8.6	8.6	8.6
PI 044F	9.0	7.2	9.0	7.2	9.0	7.2	10.8	10.8	10.8	10.8	10.8	10.8
PI 044G	10.9	8.7	10.9	8.7	10.9	8.7	13.1	13.1	13.1	13.1	13.1	13.1
PI 044H	12.7	10.2	12.7	10.2	12.7	10.2	15.2	15.2	15.2	15.2	15.2	15.2

PI 144D	14.6	11.7	14.6	11.7	14.6	11.7	15.8	15.8	15.8	15.8	15.8	15.8
PI 144E	18.3	14.6	18.3	14.6	18.3	14.6	19.8	19.8	19.8	19.8	19.8	19.8
PI 144F	20.2	16.2	20.2	16.2	20.2	16.2	21.8	21.8	21.8	21.8	21.8	21.8
PI 144G	22.0	17.6	22.0	17.6	22.0	17.6	23.8	23.8	23.8	23.8	23.8	23.8
PI 144H	25.5	20.4	25.5	20.4	25.5	20.4	27.5	27.5	27.5	27.5	27.5	27.5
PI 144J	30.0	24.0	30.0	24.0	30.0	24.0	32.4	32.4	32.4	32.4	32.4	32.4
PI 144K	30.6	24.5	30.6	24.5	30.6	24.5	33.0	33.0	33.0	33.0	33.0	33.0

UCI 224C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING											
UCI 224D												
UCI 224E												
UCI 224F												
UCI 224G												

UCI 274C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING											
UCI 274D												
UCI 274E												
UCI 274F												
UCI 274G												
UCI 274H												

UCDI 274J	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING											
UCDI 274K												

	3 PHASE (12 / 6 WIRE **)										1 PHASE (12 WIRE)		1 PHASE (DEDICATED)			
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		1.0	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
* PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220 - 240					
OTHER													220 - 240		220 - 240	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26		311		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	270	216	270	216	270	216	270	216	270	216	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 444D	320	256	320	256	320	256	310	248	320	256						
HCI 444E	370	296	370	296	370	296	370	296	355	284						
HCI 444F	415	332	430	344	430	344	430	344	430	344						

HCI 544C	478	382	512	410	478	382	478	382	450	360	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 544D	515	412	575	460	515	412	515	412	515	412						
HCI 544E 1	636	509	640	512	636	509	636	509	590	472						
HCI 544F	710	568	710	568	710	568	690	552	710	568						

HCKI 544C	485	388	520	416	485	388	485	388	450	360	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCKI 544D	533	426	590	472	533	426	533	426	515	412						
HCKI 544E 1	640	512	645	516	640	512	640	512	590	472						
HCKI 544F	728	582	728	582	728	582	728	582	728	582						

HCI 634G 1	825	660	830	664	825	660	820	656	820	656	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 634H 1	960	768	980	784	960	768	920	736	950	760						
HCI 634J 1	1060	848	1070	856	1070	856	1060	848	1060	848						
HCI 634K 1	1180	944	1190	952	1180	944	1180	944	1115	892						

PI 734A 2	1275	1020	1315	1052	1315	1052	1290	1032	1315	1052	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
PI 734B 2	1415	1132	1460	1168	1460	1168	1430	1144	1460	1168						
PI 734C 2	1570	1256	1615	1292	1615	1292	1590	1272	1575	1260						
PI 734D 2	1675	1340	1720	1376	1720	1376	1685	1348	1720	1376						
PI 734E 2	1920	1536	1980	1584	1980	1584	1940	1552	1845	1476						
PI 734F 2	2105	1684	2170	1736	2170	1736	2125	1700	2170	1736						
PI 734G 2	2225	1780	2295	1836	2295	1836	2250	1800	2200	1760						

* Parallel star is applicable to windings 311 and 25 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 25 is not available on these alternators, so parallel star connection giving 330V - 345V is not possible.

2 Delta connection is not available on the P7 alternators.

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
4 Pole

	3 PHASE (12 WIRE)										1 PHASE (12 WIRE)					
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220		230		240	
WINDING NO.	311		311		311		311		25		311		311		311	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	8.3	6.6	8.3	6.6	8.3	6.6	7.8	6.2	N/A	N/A	5.0	4.0	5.0	4.0	5.0	4.0
PI 044E	11.0	8.8	11.0	8.8	11.0	8.8	10.5	8.4	N/A	N/A	6.6	5.3	6.6	5.3	6.6	5.3
PI 044F	13.8	11.0	13.8	11.0	13.8	11.0	13.1	10.5	N/A	N/A	8.3	6.6	8.3	6.6	8.3	6.6
PI 044G	16.5	13.2	16.5	13.2	16.5	13.2	15.7	12.6	N/A	N/A	9.9	7.9	9.9	7.9	9.9	7.9
PI 044H	19.3	15.4	19.3	15.4	19.3	15.4	18.3	14.6	N/A	N/A	11.6	9.3	11.6	9.3	11.6	9.3

PI 144D	22.0	17.6	22.0	17.6	22.0	17.6	20.9	16.7	N/A	N/A	13.2	10.6	13.2	10.6	13.2	10.6
PI 144E	27.5	22.0	27.5	22.0	27.5	22.0	26.1	20.9	N/A	N/A	16.5	13.2	16.5	13.2	16.5	13.2
PI 144F	30.3	24.2	30.3	24.2	30.3	24.2	28.7	23.0	N/A	N/A	18.2	14.6	18.2	14.6	18.2	14.6
PI 144G	33.0	26.4	33.0	26.4	33.0	26.4	31.4	25.1	N/A	N/A	19.8	15.8	19.8	15.8	19.8	15.8
PI 144H	38.5	30.8	38.5	30.8	38.5	30.8	36.6	29.3	N/A	N/A	23.1	18.5	23.1	18.5	23.1	18.5
PI 144J	45.0	36.0	45.0	36.0	45.0	36.0	42.8	34.2	N/A	N/A	27.0	21.6	27.0	21.6	27.0	21.6
PI 144K	46.8	37.4	46.8	37.4	46.8	37.4	44.5	35.6	N/A	N/A	28.1	22.5	28.1	22.5	28.1	22.5

UCI 224C	46.8	37.4	46.8	37.4	46.8	37.4	33.0	26.4	41.0	32.8	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
UCI 224D	55.0	44.0	55.0	44.0	55.0	44.0	41.2	33.0	55.0	44.0						
UCI 224E	63.0	50.4	63.0	50.4	63.0	50.4	47.3	37.8	N/A	N/A						
UCI 224F	80.0	64.0	80.0	64.0	80.0	64.0	60.5	48.4	71.5	57.2						
UCI 224G	90.8	72.6	90.8	72.6	90.8	72.6	80.1	64.1	85.0	68.0						

UCI 274C	110.0	88.0	110.0	88.0	110.0	88.0	N/A	N/A	110.0	88.0	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
UCI 274D	125.0	100.0	130.0	104.0	125.0	100.0	N/A	N/A	125.0	100.0						
UCI 274E	150.0	120.0	150.0	120.0	150.0	120.0	N/A	N/A	150.0	120.0						
UCI 274F	175.0	140.0	175.0	140.0	175.0	140.0	N/A	N/A	175.0	140.0						
UCI 274G	200.0	160.0	200.0	160.0	200.0	160.0	N/A	N/A	189.0	151.2						
UCI 274H	220.0	176.0	220.0	176.0	220.0	176.0	N/A	N/A	220.0	176.0						

UCDI 274J	260.0	208.0	260.0	208.0	260.0	208.0	N/A	N/A	N/A	N/A	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
UCDI 274K	275.0	220.0	275.0	220.0	275.0	220.0	N/A	N/A	N/A	N/A						

1 PHASE (DEDICATED)												
POWER FACTOR	0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :	220		230		240		220		230		240	
WINDING NO.	05		05		05		05		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	5.5	4.4	5.5	4.4	5.5	4.4	6.6	6.6	6.6	6.6	6.6	6.6
PI 044E	7.4	5.9	7.4	5.9	7.4	5.9	8.9	8.9	8.9	8.9	8.9	8.9
PI 044F	9.2	7.4	9.2	7.4	9.2	7.4	11.0	11.0	11.0	11.0	11.0	11.0
PI 044G	11.1	8.9	11.1	8.9	11.1	8.9	13.3	13.3	13.3	13.3	13.3	13.3
PI 044H	12.9	10.3	12.9	10.3	12.9	10.3	15.5	15.5	15.5	15.5	15.5	15.5

PI 144D	15.0	12.0	15.0	12.0	15.0	12.0	16.2	16.2	16.2	16.2	16.2	16.2
PI 144E	18.7	15.0	18.7	15.0	18.7	15.0	20.2	20.2	20.2	20.2	20.2	20.2
PI 144F	20.6	16.5	20.6	16.5	20.6	16.5	22.2	22.2	22.2	22.2	22.2	22.2
PI 144G	22.5	18.0	22.5	18.0	22.5	18.0	24.3	24.3	24.3	24.3	24.3	24.3
PI 144H	26.2	21.0	26.2	21.0	26.2	21.0	28.3	28.3	28.3	28.3	28.3	28.3
PI 144J	30.6	24.5	30.6	24.5	30.6	24.5	33.0	33.0	33.0	33.0	33.0	33.0
PI 144K	31.9	25.5	31.9	25.5	31.9	25.5	34.5	34.5	34.5	34.5	34.5	34.5

UCI 224C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING											
UCI 224D												
UCI 224E												
UCI 224F												
UCI 224G												

UCI 274C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING											
UCI 274D												
UCI 274E												
UCI 274F												
UCI 274G												
UCI 274H												

UCDI 274J	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING											
UCDI 274K												

	3 PHASE (12 / 6 WIRE **)										1 PHASE (12 WIRE)		1 PHASE (DEDICATED)			
	0.8		0.8		0.8		0.8		0.8		0.8		0.8		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		1.0	
VOLTS :																
SERIES STAR	380		400		415		440		660 - 690							
* PARALLEL STAR	190		200		208		220		330 - 345							
SERIES DELTA	220		230		240		254		380 - 400							
DOUBLE DELTA											220 - 240					
OTHER													220 - 240		220 - 240	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26		311		05		05	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	275	220	275	220	275	220	275	220	275	220	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 444D	330	264	330	264	330	264	320	256	330	264						
HCI 444E	380	304	400	320	380	304	380	304	370	296						
HCI 444F	425	340	450	360	440	352	440	352	440	352						

HCI 544C	500	400	520	416	500	400	495	396	468	374	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 544D	550	440	590	472	550	440	530	424	530	424						
HCI 544E 1	660	528	665	532	660	528	660	528	610	488						
HCI 544F	738	590	738	590	738	590	715	572	738	590						

HCKI 544C	500	400	530	424	500	400	500	400	468	374	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCKI 544D	550	440	610	488	550	440	550	440	530	424						
HCKI 544E 1	660	528	665	532	660	528	660	528	610	488						
HCKI 544F	750	600	750	600	750	600	750	600	750	600						

HCI 634G 1	850	680	860	688	850	680	850	680	850	680	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
HCI 634H 1	1000	800	1010	808	1000	800	960	768	990	792						
HCI 634J 1	1100	880	1110	888	1110	888	1100	880	1100	880						
HCI 634K 1	1220	976	1230	984	1220	976	1220	976	1150	920						

PI 734A 2	1310	1048	1350	1080	1350	1080	1325	1060	1350	1080	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING					
PI 734B 2	1455	1164	1500	1200	1500	1200	1470	1176	1500	1200						
PI 734C 2	1615	1292	1660	1328	1660	1328	1630	1304	1620	1296						
PI 734D 2	1715	1372	1770	1416	1770	1416	1735	1388	1770	1416						
PI 734E 2	1975	1580	2035	1628	2035	1628	1995	1596	1895	1516						
PI 734F 2	2165	1732	2250	1800	2250	1800	2185	1748	2230	1784						
PI 734G 2	2290	1832	2360	1888	2360	1888	2310	1848	2295	1836						

* Parallel star is applicable to windings 311 and 25 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 25 is not available on these alternators, so parallel star connection giving 330V - 345V is not possible.

2 Delta connection is not available on the P7 alternators.

		3 PHASE (12 WIRE)													
POWER FACTOR		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :															
SERIES STAR		380 - 416		416		440		460		480		600		660 - 690	
PARALLEL STAR		190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA		220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.		14		311		311		311		311		17		27	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	8.5	6.8	7.5	6.0	8.0	6.4	8.2	6.6	8.5	6.8	8.5	6.8	N/A	N/A
PI 044E	11.3	9.0	10.0	8.0	10.7	8.6	11.0	8.8	11.4	9.1	11.3	9.0	N/A	N/A
PI 044F	13.5	10.8	12.5	10.0	13.4	10.7	13.8	11.0	14.3	11.4	14.0	11.2	N/A	N/A
PI 044G	16.9	13.5	15.1	12.1	16.1	12.9	16.6	13.3	17.1	13.7	16.9	13.5	N/A	N/A
PI 044H	18.9	15.1	17.6	14.1	18.8	15.0	19.4	15.5	20.0	16.0	19.7	15.8	N/A	N/A

PI 144D	22.5	18.0	20.0	16.0	21.4	17.1	22.1	17.7	22.8	18.2	22.5	18.0	N/A	N/A
PI 144E	27.0	21.6	25.0	20.0	26.7	21.4	27.6	22.1	28.4	22.7	28.2	22.6	N/A	N/A
PI 144F	29.7	23.8	27.5	22.0	29.4	23.5	30.3	24.2	31.3	25.0	31.0	24.8	N/A	N/A
PI 144G	33.8	27.0	30.3	24.2	32.3	25.8	33.3	26.6	34.4	27.5	33.8	27.0	N/A	N/A
PI 144H	39.4	31.5	35.2	28.2	37.6	30.1	38.8	31.0	40.0	32.0	39.4	31.5	N/A	N/A
PI 144J	42.8	34.2	40.2	32.2	42.9	34.3	44.3	35.4	45.6	36.5	45.0	36.0	N/A	N/A
PI 144K	49.5	39.6	45.0	36.0	46.3	37.0	46.3	37.0	48.0	38.4	49.5	39.6	N/A	N/A

UCI 224C	48.0	38.4	45.0	36.0	46.3	37.0	46.3	37.0	48.0	38.4	48.0	38.4	N/A	N/A
UCI 224D	56.0	44.8	52.5	42.0	55.0	44.0	56.0	44.8	58.0	46.4	58.0	46.4	N/A	N/A
UCI 224E	65.0	52.0	62.5	50.0	65.0	52.0	65.0	52.0	68.0	54.4	68.0	54.4	N/A	N/A
UCI 224F	75.0	60.0	75.0	60.0	78.1	62.5	78.1	62.5	82.5	66.0	82.5	66.0	N/A	N/A
UCI 224G	93.8	75.0	87.5	70.0	90.0	72.0	93.8	75.0	95.0	76.0	95.0	76.0	N/A	N/A

UCI 274C	110.0	88.0	97.5	78.0	106.3	85.0	106.3	85.0	112.5	90.0	110.0	88.0	N/A	N/A
UCI 274D	120.0	96.0	120.0	96.0	125.0	100.0	125.0	100.0	131.3	105.0	131.3	105.0	N/A	N/A
UCI 274E	140.0	112.0	140.0	112.0	143.8	115.0	143.8	115.0	160.0	128.0	160.0	128.0	147.0	117.6
UCI 274F	160.0	128.0	162.5	130.0	172.5	138.0	172.5	138.0	187.5	150.0	187.5	150.0	N/A	N/A
UCI 274G	187.5	150.0	192.8	154.2	199.0	159.2	199.0	159.2	212.2	169.8	206.3	165.0	N/A	N/A
UCI 274H	218.8	175.0	218.8	175.0	225.0	180.0	225.0	180.0	235.0	188.0	235.0	188.0	220.0	176.0

UCDI 274J	275.0	220.0	250.0	200.0	264.0	211.2	275.0	220.0	275.0	220.0	281.0	224.8	N/A	N/A
UCDI 274K	N/A	N/A	267.0	213.6	275.0	220.0	286.5	229.2	288.0	230.4	N/A	N/A	N/A	N/A

3 PHASE (12 / 6 WIRE **)														
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :														
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690	
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		17 / 07		27 / 28	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	275	220	260	208	275	220	290	232	290	232	290	232	290	232
HCI 444D	315	252	315	252	335	268	345	276	345	276	345	276	315	252
HCI 444E	N/A	N/A	365	292	385	308	400	320	400	320	400	320	355	284
HCI 444F 1	465	372	420	336	445	356	465	372	465	372	465	372	435	348

HCI 544C	460	368	481	384.8	500	400	531	424.8	538	430.4	515	412	500	400
HCI 544D	563	450.4	519	415.2	538	430.4	563	450.4	588	470.4	588	470.4	545	436
HCI 544E 2	620	496	625	500	650	520	663	530.4	675	540	658	526.4	659	527.2
HCI 544F	750	600	688	550.4	719	575.2	731	584.8	750	600	750	600	682	545.6

HCKI 544C	460	368	490	392	518	414.4	540	432	540	432	515	412	500	400
HCKI 544D	563	450.4	530	424	560	448	583	466.4	583	466.4	588	470.4	545	436
HCKI 544E 2	620	496	630	504	665	532	693	554.4	693	554.4	667	533.6	659	527.2
HCKI 544F	788	630.4	716	572.8	757	605.6	788	630.4	788	630.4	788	630.4	682	545.6

HCI 634G 3	813	650.4	813	650.4	844	675.2	888	710.4	913	730.4	913	730.4	870	696
HCI 634H 3	910	728	913	730.4	963	770.4	1000	800	1025	820	963	770.4	N/A	N/A
HCI 634J 1, 3	1150	920	1063	850.4	1100	880	1150	920	1188	950	1188	950.4	N/A	N/A
HCI 634K 1, 3	1260	1008	1188	950.4	1238	990.4	1275	1020	1313	1050.4	1313	1050.4	1330	1064

PI 734A 4	1310	1048	1275	1020	1395	1116	1405	1124	1415	1132	1415	1132	1305	1044
PI 734B 4	1455	1164	1415	1132	1510	1208	1540	1232	1575	1260	1575	1260	1450	1160
PI 734C 4	1650	1320	1590	1272	1690	1352	1725	1380	1760	1408	1760	1408	1710	1368
PI 734D 4	1785	1428	1690	1352	1800	1440	1840	1472	1875	1500	1875	1500	1800	1440
PI 734E 4	N/A	N/A	1935	1548	2055	1644	2100	1680	2140	1712	2140	1712	1910	1528
PI 734F 4	2330	1864	2190	1752	2325	1860	2370	1896	2420	1936	2420	1936	2200	1760
PI 734G 4	N/A	N/A	2255	1804	2360	1888	2445	1956	2560	2048	2560	2048	N/A	N/A

* Parallel star is applicable to windings 311, 14 and 17 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 14 is not available on these alternators, so parallel star connection giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star connection giving 300V is not possible.

4 Delta connection is not available on the P7 alternators.

**AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)**

**INDUSTRIAL
60 Hz
4 Pole**

	1 PHASE (12 WIRE)						1 PHASE (DEDICATED)											
	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																		
DOUBLE DELTA	220		230		240													
OTHER							220		230		240		220		230		240	
WINDING NO.	311		311		311		06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	4.1	3.3	4.3	3.4	4.5	3.6	5.2	4.2	5.5	4.4	5.7	4.6	6.8	6.8	6.8	6.8	6.8	6.8
PI 044E	5.5	4.4	5.8	4.6	6.0	4.8	7.0	5.6	7.3	5.8	7.6	6.1	9.1	9.1	9.1	9.1	9.1	9.1
PI 044F	6.9	5.5	7.2	5.8	7.5	6.0	8.8	7.0	9.2	7.4	9.5	7.6	11.3	11.3	11.3	11.3	11.3	11.3
PI 044G	8.3	6.6	8.7	7.0	9.0	7.2	10.6	8.5	11.0	8.8	11.5	9.2	13.6	13.6	13.6	13.6	13.6	13.6
PI 044H	9.7	7.8	10.1	8.1	10.6	8.5	12.3	9.8	12.9	10.3	13.4	10.7	15.9	15.9	15.9	15.9	15.9	15.9

PI 144D	11.1	8.9	11.5	9.2	12.0	9.6	14.3	11.4	14.9	11.9	15.5	12.4	19.1	19.1	19.1	19.1	19.1	19.1
PI 144E	13.8	11.0	14.4	11.5	15.0	12.0	17.8	14.2	18.6	14.9	19.4	15.5	22.8	22.8	22.8	22.8	22.8	22.8
PI 144F	15.2	12.2	15.8	12.6	16.5	13.2	19.6	15.7	20.4	16.3	21.3	17.0	25.0	25.0	25.0	25.0	25.0	25.0
PI 144G	16.7	13.4	17.4	13.9	18.2	14.6	21.5	17.2	22.5	18.0	23.4	18.7	27.3	27.3	27.3	27.3	27.3	27.3
PI 144H	19.4	15.5	20.3	16.2	21.1	16.9	25.1	20.1	26.2	21.0	27.2	21.8	31.9	31.9	31.9	31.9	31.9	31.9
PI 144J	22.2	17.8	23.1	18.5	24.1	19.3	28.6	22.9	29.8	23.8	31.1	24.9	36.4	36.4	36.4	36.4	36.4	36.4
PI 144K	25.0	20.0	26.0	20.8	27.0	21.6	31.0	24.8	32.3	25.8	33.8	27.0	38.2	38.2	38.2	38.2	38.2	38.2

UCI 224C	27.5	22.0	28.8	23.0	30.0	24.0	33.8	27.0	33.8	27.0	33.8	27.0	33.8	33.8	33.8	33.8	33.8	33.8
UCI 224D	32.1	25.7	33.5	26.8	35.0	28.0	40.0	32.0	40.0	32.0	40.0	32.0	40.0	40.0	40.0	40.0	40.0	40.0
UCI 224E	38.1	30.5	40.0	32.0	41.9	33.5	47.3	37.8	47.3	37.8	47.3	37.8	47.3	47.3	47.3	47.3	47.3	47.3
UCI 224F	45.6	36.5	47.5	38.0	50.0	40.0	56.9	45.5	56.9	45.5	56.9	45.5	56.9	56.9	56.9	56.9	56.9	56.9
UCI 224G	53.1	42.5	55.6	44.5	58.8	47.0	65.6	52.5	65.6	52.5	65.6	52.5	65.6	65.6	65.6	65.6	65.6	65.6

UCI 274C	53.1	42.5	55.6	44.5	58.8	46.8	75.0	60.0	75.0	60.0	75.0	60.0	75.0	75.0	75.0	75.0	75.0	75.0
UCI 274D	66.0	52.8	68.8	55.0	72.0	57.6	87.5	70.0	87.5	70.0	87.5	70.0	87.5	87.5	87.5	87.5	87.5	87.5
UCI 274E	76.5	61.2	80.0	64.0	84.0	67.2	100.0	80.0	100.0	80.0	100.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0
UCI 274F	87.5	70.0	92.5	74.0	97.5	78.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	125.0	125.0	125.0	125.0	125.0
UCI 274G	102.8	82.2	109.0	87.2	115.7	92.6	137.5	110.0	137.5	110.0	137.5	110.0	137.5	137.5	137.5	137.5	137.5	137.5
UCI 274H	120.0	96.0	125.0	100.0	131.3	105.0	143.8	115.0	143.8	115.0	143.8	115.0	143.8	143.8	143.8	143.8	143.8	143.8

UCDI 274J	135.0	108.0	145.0	116.0	150.0	120.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UCDI 274K	142.0	113.6	151.0	120.8	160.0	128.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	1 PHASE (12 WIRE)						1 PHASE (DEDICATED)			
	0.8		0.8		0.8		0.8		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		1.0	
VOLTS :										
DOUBLE DELTA	220		230		240					
OTHER							220 - 240		220 - 240	
WINDING NO.	311		311		311		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	120	96	125	100	130	104	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING
HCI 444D	145	116	155	124	160	128	
HCI 444E	165	132	180	144	185	148	
HCI 444F	195	156	200	160	210	168	

HCI 544C	175	140	183	146	190	152	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING
HCI 544D	188	150	198	158	208	166	
HCI 544E	228	182	238	190	250	200	
HCI 544F	250	200	263	210	275	220	

HCKI 544C	175	140	183	146	190	152	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING
HCKI 544D	188	150	198	158	208	166	
HCKI 544E	228	182	238	190	250	200	
HCKI 544F	250	200	263	210	275	220	

HCI 634G	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING						
HCI 634H							
HCI 634J							
HCI 634K							

PI 734A	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING						
PI 734B							
PI 734C							
PI 734D							
PI 734E							
PI 734F							
PI 734G							

		3 PHASE (12 WIRE)													
POWER FACTOR		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :															
SERIES STAR		380 - 416		416		440		460		480		600		660 - 690	
PARALLEL STAR		190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA		220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.		14		311		311		311		311		17		27	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	9.4	7.5	8.3	6.6	8.8	7.0	9.1	7.3	9.4	7.5	9.4	7.5	N/A	N/A
PI 044E	12.5	10.0	11.0	8.8	11.8	9.4	12.1	9.7	12.5	10.0	12.5	10.0	N/A	N/A
PI 044F	15.0	12.0	13.8	11.0	14.7	11.8	15.2	12.2	15.6	12.5	15.6	12.5	N/A	N/A
PI 044G	18.8	15.0	16.5	13.2	17.6	14.1	18.2	14.6	18.8	15.0	18.8	15.0	N/A	N/A
PI 044H	21.0	16.8	19.3	15.4	20.6	16.5	21.2	17.0	21.9	17.5	21.9	17.5	N/A	N/A

PI 144D	25.0	20.0	22.0	17.6	23.5	18.8	24.3	19.4	25.0	20.0	25.0	20.0	N/A	N/A
PI 144E	30.0	24.0	27.5	22.0	29.4	23.5	30.3	24.2	31.3	25.0	31.3	25.0	N/A	N/A
PI 144F	33.0	26.4	30.3	24.2	32.3	25.8	33.3	26.6	34.4	27.5	34.4	27.5	N/A	N/A
PI 144G	37.5	30.0	33.0	26.4	35.3	28.2	36.4	29.1	37.5	30.0	37.5	30.0	N/A	N/A
PI 144H	43.8	35.0	38.5	30.8	41.1	32.9	42.4	33.9	43.8	35.0	43.8	35.0	N/A	N/A
PI 144J	47.5	38.0	44.0	35.2	47.0	37.6	48.5	38.8	50.0	40.0	50.0	40.0	N/A	N/A
PI 144K	55.0	44.0	50.0	40.0	52.5	42.0	52.5	42.0	55.0	44.0	55.0	44.0	N/A	N/A

UCI 224C	55.0	44.0	50.0	40.0	52.5	42.0	52.5	42.0	55.0	44.0	55.0	44.0	N/A	N/A
UCI 224D	62.5	50.0	60.0	48.0	62.5	50.0	62.5	50.0	65.0	52.0	65.0	52.0	N/A	N/A
UCI 224E	70.0	56.0	67.5	54.0	70.0	56.0	72.5	58.0	75.0	60.0	75.0	60.0	N/A	N/A
UCI 224F	85.0	68.0	83.8	67.0	87.5	70.0	87.5	70.0	93.8	75.0	94.0	75.2	N/A	N/A
UCI 224G	100.0	80.0	93.8	75.0	97.5	78.0	100.0	80.0	103.8	83.0	103.8	83.0	N/A	N/A

UCI 274C	120.0	96.0	112.5	90.0	117.5	94.0	117.5	94.0	125.0	100.0	120.0	96.0	N/A	N/A
UCI 274D	131.3	105.0	131.3	105.0	137.5	110.0	137.5	110.0	146.3	117.0	146.3	117.0	N/A	N/A
UCI 274E	160.0	128.0	160.0	128.0	167.5	134.0	167.5	134.0	178.8	143.0	178.8	143.0	160.0	128.0
UCI 274F	180.0	144.0	181.3	145.0	190.0	152.0	190.0	152.0	206.3	165.0	206.3	165.0	N/A	N/A
UCI 274G	200.0	160.0	205.0	164.0	218.5	174.8	218.5	174.8	231.4	185.1	225.0	180.0	N/A	N/A
UCI 274H	237.5	190.0	237.5	190.0	245.0	196.0	245.0	196.0	255.0	204.0	255.0	204.0	240.0	192.0

UCDI 274J	300.0	240.0	269.0	215.2	281.0	224.8	294.0	235.2	300.0	240.0	305.0	244.0	N/A	N/A
UCDI 274K	N/A	N/A	291.0	232.8	299.0	239.2	312.5	250.0	312.5	250.0	N/A	N/A	N/A	N/A

3 PHASE (12 / 6 WIRE **)														
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :														
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690	
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		17 / 07		27 / 28	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	300	240	288	230	300	240	315	252	315	252	315	252	315	252
HCI 444D	350	280	344	275	360	288	375	300	375	300	375	300	340	272
HCI 444E	N/A	N/A	400	320	420	336	440	352	440	352	440	352	385	308
HCI 444F 1	500	400	455	364	480	384	500	400	500	400	500	400	475	380

HCI 544C	500	400	525	420	550	440	581	465	594	475	563	450	550	440
HCI 544D	625	500	575	460	594	475	625	500	644	515	644	515	600	480
HCI 544E 2	675	540	681	545	713	570	731	585	750	600	725	580	725	580
HCI 544F	825	660	738	590	775	620	800	640	825	660	825	660	750	600

HCKI 544C	500	400	539	431	570	456	594	475	594	475	563	450	550	440
HCKI 544D	625	500	584	467	618	494	644	515	644	515	644	515	600	480
HCKI 544E 2	675	540	681	545	720	576	750	600	750	600	735	588	725	580
HCKI 544F	843	674	766	613	810	648	843	674	843	674	843	674	750	600

HCI 634G 3	875	700	875	700	925	740	963	770	1000	800	1000	800	950	760
HCI 634H 3	1000	800	1025	820	1063	850	1075	860	1125	900	1063	850	N/A	N/A
HCI 634J 1, 3	1250	1000	1150	920	1200	960	1250	1000	1300	1040	1300	1040	N/A	N/A
HCI 634K 1, 3	1375	1100	1275	1020	1338	1070	1388	1110	1438	1150	1438	1150	1450	1160

PI 734A 4	1405	1124	1375	1100	1500	1200	1510	1208	1525	1220	1525	1220	1405	1124
PI 734B 4	1560	1248	1525	1220	1625	1300	1655	1324	1690	1352	1690	1352	1560	1248
PI 734C 4	1770	1416	1705	1364	1815	1452	1855	1484	1890	1512	1890	1512	1840	1472
PI 734D 4	1915	1532	1815	1452	1935	1548	1975	1580	2015	1612	2015	1612	1940	1552
PI 734E 4	N/A	N/A	2070	1656	2210	1768	2255	1804	2300	1840	2300	1840	2050	1640
PI 734F 4	2505	2004	2345	1876	2500	2000	2550	2040	2600	2080	2600	2080	2360	1888
PI 734G 4	N/A	N/A	2420	1936	2535	2028	2625	2100	2750	2200	2750	2200	N/A	N/A

* Parallel star is applicable to windings 311, 14 and 17 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 14 is not available on these alternators, so parallel star connection giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star connection giving 300V is not possible.

4 Delta connection is not available on the P7 alternators.

**AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 125°C
(BASE CONTINUOUS RATING)**

**INDUSTRIAL
60 Hz
4 Pole**

	1 PHASE (12 WIRE)						1 PHASE (DEDICATED)											
	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																		
DOUBLE DELTA	220		230		240													
OTHER							220		230		240		220		230		240	
WINDING NO.	311		311		311		06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	4.6	3.7	4.8	3.8	5.0	4.0	5.8	4.6	6.0	4.8	6.3	5.0	7.5	7.5	7.5	7.5	7.5	7.5
PI 044E	6.1	4.9	6.3	5.0	6.6	5.3	7.7	6.2	8.0	6.4	8.4	6.7	10.0	10.0	10.0	10.0	10.0	10.0
PI 044F	7.6	6.1	7.9	6.3	8.3	6.6	9.6	7.7	10.1	8.1	10.5	8.4	12.5	12.5	12.5	12.5	12.5	12.5
PI 044G	9.1	7.3	9.5	7.6	9.9	7.9	11.6	9.3	12.1	9.7	12.6	10.1	15.0	15.0	15.0	15.0	15.0	15.0
PI 044H	10.6	8.5	11.1	8.9	11.6	9.3	13.5	10.8	14.1	11.3	14.7	11.8	17.5	17.5	17.5	17.5	17.5	17.5

PI 144D	12.1	9.7	12.7	10.2	13.2	10.6	15.7	12.6	16.3	13.0	17.0	13.6	21.0	21.0	21.0	21.0	21.0	21.0
PI 144E	15.2	12.2	15.8	12.6	16.5	13.2	19.6	15.7	20.4	16.3	21.3	17.0	25.0	25.0	25.0	25.0	25.0	25.0
PI 144F	16.7	13.4	17.4	13.9	18.2	14.6	21.5	17.2	22.5	18.0	23.4	18.7	27.5	27.5	27.5	27.5	27.5	27.5
PI 144G	18.2	14.6	19.0	15.2	19.8	15.8	23.5	18.8	24.5	19.6	25.5	20.4	30.0	30.0	30.0	30.0	30.0	30.0
PI 144H	21.3	17.0	22.2	17.8	23.1	18.5	27.4	21.9	28.6	22.9	29.8	23.8	35.0	35.0	35.0	35.0	35.0	35.0
PI 144J	24.3	19.4	25.3	20.2	26.4	21.1	31.3	25.0	32.7	26.2	34.1	27.3	40.0	40.0	40.0	40.0	40.0	40.0
PI 144K	27.0	21.6	28.5	22.8	30.0	24.0	33.0	26.4	34.0	27.2	35.0	28.0	42.0	42.0	42.0	42.0	42.0	42.0

UCI 224C	30.5	24.4	32.0	25.6	33.5	26.8	37.5	30.0	37.5	30.0	37.5	30.0	37.5	37.5	37.5	37.5	37.5	37.5
UCI 224D	36.5	29.2	38.3	30.6	40.0	32.0	44.0	35.2	44.0	35.2	44.0	35.2	44.0	44.0	44.0	44.0	44.0	44.0
UCI 224E	41.3	33.0	43.1	34.5	45.0	36.0	50.0	40.0	50.0	40.0	50.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0
UCI 224F	50.0	40.0	52.5	42.0	56.0	44.8	60.0	48.0	60.0	48.0	60.0	48.0	60.0	60.0	60.0	60.0	60.0	60.0
UCI 224G	56.9	45.5	59.4	47.5	62.5	50.0	70.0	56.0	70.0	56.0	70.0	56.0	75.0	75.0	75.0	75.0	75.0	75.0

UCI 274C	61.3	49.0	64.4	51.5	67.5	54.0	84.0	67.2	84.0	67.2	84.0	67.2	90.0	90.0	90.0	90.0	90.0	90.0
UCI 274D	72.0	57.6	75.0	60.0	78.8	63.0	96.0	76.8	96.0	76.8	96.0	76.8	100.0	100.0	100.0	100.0	100.0	100.0
UCI 274E	84.0	67.2	90.0	72.0	96.0	76.8	112.0	89.6	112.0	89.6	112.0	89.6	115.0	115.0	115.0	115.0	115.0	115.0
UCI 274F	97.5	78.0	103.1	82.5	108.8	87.0	135.0	108.0	135.0	108.0	135.0	108.0	135.0	135.0	135.0	135.0	135.0	135.0
UCI 274G	110.5	88.4	115.7	92.6	123.4	98.7	150.0	120.0	150.0	120.0	150.0	120.0	150.0	150.0	150.0	150.0	150.0	150.0
UCI 274H	127.5	102.0	135.0	108.0	142.5	114.0	156.3	125.0	156.3	125.0	156.3	125.0	156.3	156.3	156.3	156.3	156.3	156.3

UCDI 274J	150.0	120.0	157.0	125.6	161.0	128.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UCDI 274K	155.0	124.0	166.0	132.8	175.0	140.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	1 PHASE (12 WIRE)						1 PHASE (DEDICATED)			
	0.8		0.8		0.8		0.8		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		1.0	
VOLTS :										
DOUBLE DELTA	220		230		240					
OTHER							220 - 240		220 - 240	
WINDING NO.	311		311		311		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	130	104	135	108	140	112	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING
HCI 444D	155	124	165	132	170	136	
HCI 444E	185	148	195	156	200	160	
HCI 444F	210	168	220	176	230	184	

HCI 544C	192	154	200	160	210	168	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING
HCI 544D	210	168	220	176	230	184	
HCI 544E	250	200	261	209	273	218	
HCI 544F	269	215	281	225	295	236	

HCKI 544C	192	154	200	160	210	168	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING
HCKI 544D	210	168	220	176	230	184	
HCKI 544E	250	200	261	209	273	218	
HCKI 544F	269	215	281	225	295	236	

HCI 634G	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING						
HCI 634H							
HCI 634J							
HCI 634K							

PI 734A	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING						
PI 734B							
PI 734C							
PI 734D							
PI 734E							
PI 734F							
PI 734G							

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
4 Pole

		3 PHASE (12 WIRE)													
POWER FACTOR		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :															
SERIES STAR		380 - 416		416		440		460		480		600		660 - 690	
PARALLEL STAR		190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA		220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.		14		311		311		311		311		17		27	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	9.9	7.9	8.9	7.1	9.5	7.6	9.8	7.8	10.1	8.1	9.9	7.9	N/A	N/A
PI 044E	13.1	10.5	11.9	9.5	12.7	10.2	13.1	10.5	13.5	10.8	13.1	10.5	N/A	N/A
PI 044F	15.8	12.6	14.9	11.9	15.9	12.7	16.4	13.1	16.9	13.5	16.4	13.1	N/A	N/A
PI 044G	19.7	15.8	17.8	14.2	19.0	15.2	19.6	15.7	20.3	16.2	19.7	15.8	N/A	N/A
PI 044H	22.1	17.7	20.8	16.6	22.2	17.8	22.9	18.3	23.6	18.9	23.0	18.4	N/A	N/A

PI 144D	26.3	21.0	23.7	19.0	25.3	20.2	26.1	20.9	26.9	21.5	26.3	21.0	N/A	N/A
PI 144E	31.5	25.2	29.6	23.7	31.6	25.3	32.6	26.1	33.6	26.9	32.9	26.3	N/A	N/A
PI 144F	34.7	27.8	32.6	26.1	34.8	27.8	35.9	28.7	37.0	29.6	36.1	28.9	N/A	N/A
PI 144G	39.4	31.5	35.5	28.4	37.9	30.3	39.1	31.3	40.3	32.2	39.4	31.5	N/A	N/A
PI 144H	46.0	36.8	41.3	33.0	44.1	35.3	45.5	36.4	46.9	37.5	46.0	36.8	N/A	N/A
PI 144J	49.9	39.9	48.4	38.7	51.7	41.4	53.4	42.7	55.0	44.0	52.5	42.0	N/A	N/A
PI 144K	57.8	46.2	53.1	42.5	55.0	44.0	55.0	44.0	58.1	46.5	57.8	46.2	N/A	N/A

UCI 224C	58.1	46.5	53.1	42.5	55.0	44.0	55.0	44.0	58.1	46.5	58.1	46.5	N/A	N/A
UCI 224D	65.0	52.0	62.5	50.0	65.0	52.0	65.0	52.0	68.8	55.0	68.8	55.0	N/A	N/A
UCI 224E	73.8	59.0	70.0	56.0	73.8	59.0	73.8	59.0	78.8	63.0	78.8	63.0	N/A	N/A
UCI 224F	89.4	71.5	88.8	71.0	92.5	74.0	92.5	74.0	100.0	80.0	98.8	79.0	N/A	N/A
UCI 224G	102.5	82.0	98.1	78.5	102.5	82.0	102.5	82.0	110.0	88.0	110.0	88.0	N/A	N/A

UCI 274C	127.0	101.6	116.3	93.0	125.0	100.0	125.0	100.0	132.5	106.0	127.0	101.6	N/A	N/A
UCI 274D	137.5	110.0	137.5	110.0	145.0	116.0	145.0	116.0	156.3	125.0	155.0	124.0	N/A	N/A
UCI 274E	170.0	136.0	170.0	136.0	175.0	140.0	175.0	140.0	187.5	150.0	187.5	150.0	167.0	133.6
UCI 274F	186.0	148.8	187.5	150.0	200.0	160.0	200.0	160.0	212.5	170.0	212.5	170.0	N/A	N/A
UCI 274G	207.5	166.0	213.0	170.4	228.8	183.0	228.8	183.0	250.0	200.0	240.0	192.0	N/A	N/A
UCI 274H	250.0	200.0	250.0	200.0	258.8	207.0	258.8	207.0	275.0	220.0	275.0	220.0	259.0	207.2

UCDI 274J	319.0	255.2	288.0	230.4	300.0	240.0	313.0	250.4	319.0	255.2	328.0	262.4	N/A	N/A
UCDI 274K	N/A	N/A	304.0	243.2	312.5	250.0	331.3	265.0	331.3	265.0	N/A	N/A	N/A	N/A

	1 PHASE (12 WIRE)						1 PHASE (DEDICATED)											
	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																		
DOUBLE DELTA	220		230		240													
OTHER							220		230		240		220		230		240	
WINDING NO.	311		311		311		06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	4.9	3.9	5.1	4.1	5.3	4.2	6.2	5.0	6.5	5.2	6.8	5.4	8.1	8.1	8.1	8.1	8.1	8.1
PI 044E	6.6	5.3	6.8	5.4	7.1	5.7	8.3	6.6	8.7	7.0	9.0	7.2	10.8	10.8	10.8	10.8	10.8	10.8
PI 044F	8.2	6.6	8.6	6.9	8.9	7.1	10.4	8.3	10.9	8.7	11.3	9.0	13.5	13.5	13.5	13.5	13.5	13.5
PI 044G	9.8	7.8	10.3	8.2	10.7	8.6	12.5	10.0	13.0	10.4	13.6	10.9	16.2	16.2	16.2	16.2	16.2	16.2
PI 044H	11.5	9.2	12.0	9.6	12.5	10.0	14.6	11.7	15.2	12.2	15.8	12.6	18.9	18.9	18.9	18.9	18.9	18.9

PI 144D	13.1	10.5	13.6	10.9	14.2	11.4	16.8	13.4	17.6	14.1	18.3	14.6	22.6	22.6	22.6	22.6	22.6	22.6
PI 144E	16.3	13.0	17.0	13.6	17.8	14.2	21.1	16.9	22.0	17.6	22.9	18.3	26.9	26.9	26.9	26.9	26.9	26.9
PI 144F	18.0	14.4	18.8	15.0	19.5	15.6	23.2	18.6	24.2	19.4	25.2	20.2	29.6	29.6	29.6	29.6	29.6	29.6
PI 144G	19.6	15.7	20.4	16.3	21.3	17.0	25.3	20.2	26.4	21.1	27.5	22.0	32.3	32.3	32.3	32.3	32.3	32.3
PI 144H	22.8	18.2	23.8	19.0	24.8	19.8	29.4	23.5	30.6	24.5	31.9	25.5	37.6	37.6	37.6	37.6	37.6	37.6
PI 144J	26.7	21.4	27.9	22.3	29.0	23.2	34.5	27.6	36.0	28.8	37.5	30.0	43.0	43.0	43.0	43.0	43.0	43.0
PI 144K	29.3	23.4	30.6	24.5	31.9	25.5	35.2	28.2	36.8	29.4	38.3	30.6	45.2	45.2	45.2	45.2	45.2	45.2

UCI 224C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING																	
UCI 224D																		
UCI 224E																		
UCI 224F																		
UCI 224G																		

UCI 274C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING																	
UCI 274D																		
UCI 274E																		
UCI 274F																		
UCI 274G																		
UCI 274H																		

UCDI 274J	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING																	
UCDI 274K																		

3 PHASE (12 / 6 WIRE **)														
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :														
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690	
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		17 / 07		27 / 28	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	320	256	300	240	320	256	335	268	335	268	335	268	335	268
HCI 444D	375	300	365	292	385	308	400	320	400	320	400	320	365	292
HCI 444E	N/A	N/A	420	336	445	356	460	368	460	368	460	368	410	328
HCI 444F 1	535	428	485	388	515	412	535	428	535	428	535	428	500	400

HCI 544C	520	416	550	440	581	465	613	490	625	500	595	476	580	464
HCI 544D	655	524	588	470	625	500	655	524	675	540	675	540	633	506
HCI 544E 2	710	568	719	575	750	600	780	624	800	640	770	616	765	612
HCI 544F	875	700	781	625	819	655	848	678	875	700	875	700	790	632

HCKI 544C	520	416	567	454	600	480	625	500	625	500	595	476	580	464
HCKI 544D	655	524	610	488	646	517	673	538	673	538	675	540	633	506
HCKI 544E 2	710	568	726	581	768	614	800	640	800	640	780	624	765	612
HCKI 544F	909	727	825	660	873	698	909	727	909	727	909	727	790	632

HCI 634G 3	913	730	913	730	969	775	1008	806	1046	837	1046	837	995	796
HCI 634H 3	1050	840	1088	870	1125	900	1138	910	1188	950	1125	900	N/A	N/A
HCI 634J 1, 3	1300	1040	1206	965	1250	1000	1300	1040	1350	1080	1350	1080	N/A	N/A
HCI 634K 1, 3	1455	1164	1350	1080	1413	1130	1469	1175	1525	1220	1525	1220	1538	1230

PI 734A 4	1460	1168	1425	1140	1560	1248	1570	1256	1585	1268	1585	1268	1440	1152
PI 734B 4	1625	1300	1590	1272	1690	1352	1725	1380	1760	1408	1760	1408	1600	1280
PI 734C 4	1845	1476	1770	1416	1890	1512	1930	1544	1970	1576	1970	1576	1880	1504
PI 734D 4	1995	1596	1890	1512	2015	1612	2055	1644	2100	1680	2100	1680	1985	1588
PI 734E 4	N/A	N/A	2155	1724	2300	1840	2345	1876	2395	1916	2395	1916	2100	1680
PI 734F 4	2605	2084	2435	1948	2600	2080	2650	2120	2705	2164	2705	2164	2415	1932
PI 734G 4	N/A	N/A	2515	2012	2635	2108	2725	2180	2860	2288	2860	2288	N/A	N/A

* Parallel star is applicable to windings 311, 14 and 17 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 14 is not available on these alternators, so parallel star connection giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star connection giving 300V is not possible.

4 Delta connection is not available on the P7 alternators.

		3 PHASE (12 WIRE)													
POWER FACTOR		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :															
SERIES STAR		380 - 416		416		440		460		480		600		660 - 690	
PARALLEL STAR		190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA		220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.		14		311		311		311		311		17		27	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	10.2	8.2	9.1	7.3	9.7	7.8	10.0	8.0	10.3	8.2	10.2	8.2	N/A	N/A
PI 044E	13.6	10.9	12.1	9.7	12.9	10.3	13.3	10.6	13.8	11.0	13.6	10.9	N/A	N/A
PI 044F	16.4	13.1	15.1	12.1	16.2	13.0	16.7	13.4	17.2	13.8	17.0	13.6	N/A	N/A
PI 044G	20.5	16.4	18.2	14.6	19.4	15.5	20.0	16.0	20.6	16.5	20.5	16.4	N/A	N/A
PI 044H	22.9	18.3	21.2	17.0	22.6	18.1	23.3	18.6	24.1	19.3	23.9	19.1	N/A	N/A

PI 144D	27.3	21.8	24.2	19.4	25.9	20.7	26.7	21.4	27.5	22.0	27.3	21.8	N/A	N/A
PI 144E	32.7	26.2	30.3	24.2	32.3	25.8	33.3	26.6	34.4	27.5	34.1	27.3	N/A	N/A
PI 144F	36.0	28.8	33.3	26.6	35.5	28.4	36.7	29.4	37.8	30.2	37.5	30.0	N/A	N/A
PI 144G	40.9	32.7	36.3	29.0	38.8	31.0	40.0	32.0	41.3	33.0	40.9	32.7	N/A	N/A
PI 144H	47.7	38.2	42.4	33.9	45.2	36.2	46.7	37.4	48.1	38.5	47.7	38.2	N/A	N/A
PI 144J	51.8	41.4	49.5	39.6	52.9	42.3	54.6	43.7	56.3	45.0	54.5	43.6	N/A	N/A
PI 144K	60.0	48.0	55.0	44.0	56.3	45.0	56.3	45.0	60.0	48.0	60.0	48.0	N/A	N/A

UCI 224C	60.0	48.0	55.0	44.0	56.3	45.0	56.3	45.0	60.0	48.0	60.0	48.0	N/A	N/A
UCI 224D	66.3	53.0	65.0	52.0	66.3	53.0	66.3	53.0	71.3	57.0	71.3	57.0	N/A	N/A
UCI 224E	75.0	60.0	72.5	58.0	75.0	60.0	75.0	60.0	80.0	64.0	80.0	64.0	N/A	N/A
UCI 224F	92.0	73.6	91.9	73.5	95.0	76.0	95.0	76.0	102.5	82.0	102.5	82.0	N/A	N/A
UCI 224G	106.3	85.0	101.3	81.0	106.3	85.0	106.3	85.0	113.8	91.0	113.8	91.0	N/A	N/A

UCI 274C	132.0	105.6	120.0	96.0	127.5	102.0	127.5	102.0	137.5	110.0	132.0	105.6	N/A	N/A
UCI 274D	142.5	114.0	142.5	114.0	150.0	120.0	150.0	120.0	158.8	127.0	158.8	127.0	N/A	N/A
UCI 274E	175.0	140.0	175.0	140.0	181.3	145.0	181.3	145.0	193.8	155.0	193.8	155.0	172.0	137.6
UCI 274F	190.0	152.0	192.5	154.0	206.3	165.0	206.3	165.0	218.8	175.0	218.8	175.0	N/A	N/A
UCI 274G	212.5	170.0	218.5	174.8	234.0	187.2	234.0	187.2	253.3	202.6	246.3	197.0	N/A	N/A
UCI 274H	256.3	205.0	256.3	205.0	265.0	212.0	265.0	212.0	280.0	224.0	280.0	224.0	263.0	210.4

UCDI 274J	325.0	260.0	294.0	235.2	306.0	244.8	319.0	255.2	325.0	260.0	334.0	267.2	N/A	N/A
UCDI 274K	N/A	N/A	312.0	249.6	320.0	256.0	343.8	275.0	343.8	275.0	N/A	N/A	N/A	N/A

	1 PHASE (12 WIRE)						1 PHASE (DEDICATED)											
	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		1.0		1.0		1.0	
VOLTS :																		
DOUBLE DELTA	220		230		240													
OTHER							220		230		240		220		230		240	
WINDING NO.	311		311		311		06		06		06		06		06		06	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PI 044D	5.0	4.0	5.2	4.2	5.4	4.3	6.4	5.1	6.6	5.3	6.9	5.5	8.3	8.3	8.3	8.3	8.3	8.3
PI 044E	6.7	5.4	7.0	5.6	7.3	5.8	8.5	6.8	8.8	7.0	9.2	7.4	11.0	11.0	11.0	11.0	11.0	11.0
PI 044F	8.3	6.6	8.7	7.0	9.1	7.3	10.6	8.5	11.1	8.9	11.5	9.2	13.8	13.8	13.8	13.8	13.8	13.8
PI 044G	10.0	8.0	10.5	8.4	10.9	8.7	12.7	10.2	13.3	10.6	13.8	11.0	16.5	16.5	16.5	16.5	16.5	16.5
PI 044H	11.7	9.4	12.2	9.8	12.7	10.2	14.8	11.8	15.5	12.4	16.1	12.9	19.3	19.3	19.3	19.3	19.3	19.3

PI 144D	13.4	10.7	13.9	11.1	14.5	11.6	17.2	13.8	18.0	14.4	18.7	15.0	23.1	23.1	23.1	23.1	23.1	23.1
PI 144E	16.7	13.4	17.4	13.9	18.2	14.6	21.5	17.2	22.5	18.0	23.4	18.7	27.5	27.5	27.5	27.5	27.5	27.5
PI 144F	18.4	14.7	19.2	15.4	20.0	16.0	23.7	19.0	24.7	19.8	25.8	20.6	30.3	30.3	30.3	30.3	30.3	30.3
PI 144G	20.0	16.0	20.9	16.7	21.8	17.4	25.8	20.6	27.0	21.6	28.1	22.5	33.0	33.0	33.0	33.0	33.0	33.0
PI 144H	23.4	18.7	24.4	19.5	25.4	20.3	30.2	24.2	31.5	25.2	32.8	26.2	38.5	38.5	38.5	38.5	38.5	38.5
PI 144J	27.3	21.8	28.5	22.8	29.7	23.8	35.2	28.2	36.8	29.4	38.3	30.6	44.0	44.0	44.0	44.0	44.0	44.0
PI 144K	30.4	24.3	31.7	25.4	33.0	26.4	36.7	29.4	38.2	30.6	39.8	31.8	46.2	46.2	46.2	46.2	46.2	46.2

UCI 224C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING																	
UCI 224D																		
UCI 224E																		
UCI 224F																		
UCI 224G																		

UCI 274C	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING																	
UCI 274D																		
UCI 274E																		
UCI 274F																		
UCI 274G																		
UCI 274H																		

UCDI 274J	THESE ALTERNATORS ARE NOT OFFERED AT THIS RATING																	
UCDI 274K																		

3 PHASE (12 / 6 WIRE **)														
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :														
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690	
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345	
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400	
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		17 / 07		27 / 28	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 444C	330	264	310	248	330	264	345	276	345	276	345	276	345	276
HCI 444D	385	308	375	300	395	316	415	332	415	332	415	332	375	300
HCI 444E	N/A	N/A	435	348	455	364	475	380	475	380	475	380	420	336
HCI 444F 1	550	440	500	400	530	424	550	440	550	440	550	440	520	416

HCI 544C	540	432	569	455	600	480	631	505	644	515	615	492	600	480
HCI 544D	673	538	606	485	644	515	673	538	694	555	694	555	655	524
HCI 544E 2	730	584	738	590	769	615	798	638	819	655	790	632	790	632
HCI 544F	906	725	806	645	844	675	878	702	906	725	906	725	818	654

HCKI 544C	540	432	585	468	618	494	644	515	644	515	615	492	600	480
HCKI 544D	673	538	630	504	666	533	694	555	694	555	694	555	655	524
HCKI 544E 2	730	584	750	600	792	634	825	660	825	660	800	640	790	632
HCKI 544F	938	750	850	680	900	720	938	750	938	750	938	750	818	654

HCI 634G 3	950	760	950	760	1000	800	1044	835	1088	870	1088	870	1035	828
HCI 634H 3	1080	864	1125	900	1163	930	1175	940	1219	975	1163	930	N/A	N/A
HCI 634J 1, 3	1350	1080	1250	1000	1300	1040	1350	1080	1400	1120	1400	1120	N/A	N/A
HCI 634K 1, 3	1500	1200	1400	1120	1463	1170	1519	1215	1575	1260	1575	1260	1588	1270

PI 734A 4	1505	1204	1465	1172	1605	1284	1615	1292	1630	1304	1630	1304	1500	1200
PI 734B 4	1670	1336	1630	1304	1740	1392	1775	1420	1810	1448	1810	1448	1665	1332
PI 734C 4	1895	1516	1820	1456	1945	1556	1985	1588	2025	1620	2025	1620	1960	1568
PI 734D 4	2050	1640	1940	1552	2070	1656	2115	1692	2160	1728	2160	1728	2065	1652
PI 734E 4	N/A	N/A	2215	1772	2365	1892	2415	1932	2465	1972	2465	1972	2185	1748
PI 734F 4	2680	2144	2505	2004	2675	2140	2730	2184	2785	2228	2785	2228	2520	2016
PI 734G 4	N/A	N/A	2590	2072	2715	2172	2810	2248	2945	2356	2945	2356	N/A	N/A

* Parallel star is applicable to windings 311, 14 and 17 only.

** PI 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 14 is not available on these alternators, so parallel star connection giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star connection giving 300V is not possible.

4 Delta connection is not available on the P7 alternators.

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS “F” TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
6 Pole

		3 PHASE (6 WIRE)					
POWER FACTOR		0.8		0.8		0.8	
VOLTS :							
STAR		380 - 415		440		660 - 690	
DELTA		220 - 240		250		380 - 400	
WINDING NO.		312		312		26	
		kVA	kW	kVA	kW	kVA	kW

HCI 636G		260	208	260	208	N/A	N/A
HCI 636H		350	280	350	280	N/A	N/A
HCI 636J		420	336	420	336	N/A	N/A
HCI 636K		525	420	525	420	N/A	N/A

PI 736B	1	650	520	650	520	N/A	N/A
PI 736D	1	850	680	850	680	N/A	N/A
PI 736F	1	1200	960	1200	960	N/A	N/A

105 / 40 CLASS
F
 TEMP RISE

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS “H” TEMP RISE 125°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
50 Hz
6 Pole

		3 PHASE (6 WIRE)					
POWER FACTOR		0.8		0.8		0.8	
VOLTS :							
STAR		380 - 415		440		660 - 690	
DELTA		220 - 240		250		380 - 400	
WINDING NO.		312		312		26	
		kVA	kW	kVA	kW	kVA	kW

HCI 636G		280	224	280	224	N/A	N/A
HCI 636H		380	304	380	304	N/A	N/A
HCI 636J		450	360	450	360	N/A	N/A
HCI 636K		570	456	570	456	N/A	N/A

PI 736B	1	700	560	700	560	N/A	N/A
PI 736D	1	920	736	920	736	N/A	N/A
PI 736F	1	1300	1040	1300	1040	N/A	N/A

1 Delta connection is not available on the P7 alternators.

125 / 40 CLASS
H
 TEMP RISE

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
6 Pole

		3 PHASE (6 WIRE)					
POWER FACTOR		0.8		0.8		0.8	
VOLTS :							
STAR		380 - 415		440		660 - 690	
DELTA		220 - 240		250		380 - 400	
WINDING NO.		312		312		26	
		kVA	kW	kVA	kW	kVA	kW

HCI 636G		260	208	260	208	N/A	N/A
HCI 636H		350	280	350	280	N/A	N/A
HCI 636J		420	336	420	336	N/A	N/A
HCI 636K		525	420	525	420	N/A	N/A

PI 736B	1	650	520	650	520	N/A	N/A
PI 736D	1	850	680	850	680	N/A	N/A
PI 736F	1	1200	960	1200	960	N/A	N/A

150 / 40

SB40
 AMBIENT

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
50 Hz
6 Pole

		3 PHASE (6 WIRE)					
POWER FACTOR		0.8		0.8		0.8	
VOLTS :							
STAR		380 - 415		440		660 - 690	
DELTA		220 - 240		250		380 - 400	
WINDING NO.		312		312		26	
		kVA	kW	kVA	kW	kVA	kW

HCI 636G		300	240	300	240	N/A	N/A
HCI 636H		407	326	407	326	N/A	N/A
HCI 636J		482	386	482	386	N/A	N/A
HCI 636K		610	488	610	488	N/A	N/A

PI 736B	1	750	600	750	600	N/A	N/A
PI 736D	1	985	788	985	788	N/A	N/A
PI 736F	1	1390	1112	1390	1112	N/A	N/A

1 Delta connection is not available on the P7 alternators.

163 / 27

SB27
 AMBIENT

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 105°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
60 Hz
6 Pole

		3 PHASE (6 WIRE)											
POWER FACTOR		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
VOLTS :													
STAR		416	440	460	480	600	660 - 690						
DELTA		240	254	266	277	346	380 - 400						
WINDING NO.		312	312	312	312	07	28						
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 636G		306	245	325	260	325	260	325	260	325	260	N/A	N/A
HCI 636H		413	330	438	350	438	350	438	350	438	350	N/A	N/A
HCI 636J		500	400	525	420	525	420	525	420	525	420	N/A	N/A
HCI 636K		625	500	656	525	656	525	656	525	656	525	N/A	N/A

PI 736B	1	750	600	815	652	815	652	815	652	815	652	N/A	N/A
PI 736D	1	970	776	1065	852	1065	852	1065	852	1065	852	N/A	N/A
PI 736F	1	1375	1100	1500	1200	1500	1200	1500	1200	1500	1200	N/A	N/A

105 / 40 CLASS **F**
 TEMP RISE

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 125°C
(BASE CONTINUOUS RATING)

INDUSTRIAL
60 Hz
6 Pole

		3 PHASE (6 WIRE)											
POWER FACTOR		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
VOLTS :													
STAR		416	440	460	480	600	660 - 690						
DELTA		240	254	266	277	346	380 - 400						
WINDING NO.		312	312	312	312	07	28						
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 636G		331	265	350	280	350	280	350	280	350	280	N/A	N/A
HCI 636H		450	360	475	380	475	380	475	380	475	380	N/A	N/A
HCI 636J		531	425	563	450	563	450	563	450	563	450	N/A	N/A
HCI 636K		675	540	713	570	713	570	713	570	713	570	N/A	N/A

PI 736B	1	815	652	875	700	875	700	875	700	875	700	N/A	N/A
PI 736D	1	1050	840	1150	920	1150	920	1150	920	1150	920	N/A	N/A
PI 736F	1	1500	1200	1625	1300	1625	1300	1625	1300	1625	1300	N/A	N/A

1 Delta connection is not available on the P7 alternators.

125 / 40 CLASS **H**
 TEMP RISE

AVR CONTROLLED
40°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 150°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
6 Pole

		3 PHASE (6 WIRE)											
POWER FACTOR		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :													
STAR		416		440		460		480		600		660 - 690	
DELTA		240		254		266		277		346		380 - 400	
WINDING NO.		312		312		312		312		07		28	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 636G		344	275	364	291	364	291	364	291	364	291	N/A	N/A
HCI 636H		468	374	494	395	494	395	494	395	494	395	N/A	N/A
HCI 636J		552	442	586	469	586	469	586	469	586	469	N/A	N/A
HCI 636K		702	562	742	594	742	594	742	594	742	594	N/A	N/A

PI 736B	1	845	676	910	728	910	728	910	728	910	728	N/A	N/A
PI 736D	1	1095	876	1200	960	1200	960	1200	960	1200	960	N/A	N/A
PI 736F	1	1560	1248	1690	1352	1690	1352	1690	1352	1690	1352	N/A	N/A

150 / 40 **SB40**
 AMBIENT

AVR CONTROLLED
27°C AMBIENT TEMPERATURE
CLASS "H" TEMP RISE 163°C
(PEAK STANDBY RATING)

INDUSTRIAL
60 Hz
6 Pole

		3 PHASE (6 WIRE)											
POWER FACTOR		0.8		0.8		0.8		0.8		0.8		0.8	
VOLTS :													
STAR		416		440		460		480		600		660 - 690	
DELTA		240		254		266		277		346		380 - 400	
WINDING NO.		312		312		312		312		07		28	
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCI 636G		354	283	375	300	375	300	375	300	375	300	N/A	N/A
HCI 636H		482	386	508	406	508	406	508	406	508	406	N/A	N/A
HCI 636J		568	454	602	482	602	482	602	482	602	482	N/A	N/A
HCI 636K		722	578	763	610	763	610	763	610	763	610	N/A	N/A

PI 736B	1	870	696	940	752	940	752	940	752	940	752	N/A	N/A
PI 736D	1	1125	900	1230	984	1230	984	1230	984	1230	984	N/A	N/A
PI 736F	1	1605	1284	1740	1392	1740	1392	1740	1392	1740	1392	N/A	N/A

1 Delta connection is not available on the P7 alternators.

163 / 27 **SB27**
 AMBIENT

3 PHASE (12 / 6 WIRE **)										
POWER FACTOR	0.8		0.8		0.8		0.8		0.8	
VOLTS :										
SERIES STAR	380		400		415		440		660 - 690	
* PARALLEL STAR	190		200		208		220		330 - 345	
SERIES DELTA	220		230		240		254		380 - 400	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
PM 044D	5.3	4.2	5.3	4.2	5.3	4.2	5.0	4.0	N/A	N/A
PM 044E	7.1	5.7	7.1	5.7	7.1	5.7	6.7	5.4	N/A	N/A
PM 044F	8.8	7.0	8.8	7.0	8.8	7.0	8.4	6.7	N/A	N/A
PM 044G	10.6	8.5	10.6	8.5	10.6	8.5	10.1	8.1	N/A	N/A
PM 044H	12.3	9.8	12.3	9.8	12.3	9.8	11.7	9.4	N/A	N/A
PM 144D	14.1	11.3	14.1	11.3	14.1	11.3	13.4	10.7	N/A	N/A
PM 144E	17.6	14.1	17.6	14.1	17.6	14.1	16.8	13.4	N/A	N/A
PM 144F	19.4	15.5	19.4	15.5	19.4	15.5	18.4	14.7	N/A	N/A
PM 144G	21.2	17.0	21.2	17.0	21.2	17.0	20.1	16.1	N/A	N/A
PM 144H	24.7	19.8	24.7	19.8	24.7	19.8	23.5	18.8	N/A	N/A
PM 144J	28.2	22.6	28.2	22.6	28.2	22.6	26.8	21.4	N/A	N/A
PM 144K	30.0	24.0	30.0	24.0	30.0	24.0	28.5	22.8	N/A	N/A
UCM 224C	31.0	24.8	31.0	24.8	31.0	24.8	22.5	18.0	27.5	22.0
UCM 224D	37.5	30.0	37.5	30.0	37.5	30.0	27.3	21.8	37.5	30.0
UCM 224E	42.0	33.6	42.0	33.6	42.0	33.6	32.6	26.1	N/A	N/A
UCM 224F	50.0	40.0	50.0	40.0	50.0	40.0	39.3	31.4	46.0	36.8
UCM 224G	60.0	48.0	60.0	48.0	60.0	48.0	52.2	41.8	55.0	44.0
UCM 274C	67.5	54.0	67.5	54.0	67.5	54.0	N/A	N/A	67.5	54.0
UCM 274D	81.3	65.0	81.3	65.0	81.3	65.0	N/A	N/A	81.3	65.0
UCM 274E	100.0	80.0	100.0	80.0	100.0	80.0	N/A	N/A	100.0	80.0
UCM 274F	112.5	90.0	112.5	90.0	112.5	90.0	N/A	N/A	112.5	90.0
UCM 274G	128.6	102.9	128.6	102.9	128.6	102.9	N/A	N/A	125.0	100.0
UCM 274H	143.8	115.0	143.8	115.0	143.8	115.0	N/A	N/A	143.8	115.0
UCDM 274K	185.0	148.0	169.0	135.2	162.0	129.6	N/A	N/A	N/A	N/A
HCM 434C	185	148	185	148	185	148	185	148	175	140
HCM 434D	200	160	200	160	200	160	200	160	195	156
HCM 434E	240	192	240	192	240	192	240	192	225	180
HCM 434F	275	220	275	220	275	220	275	220	365	292
HCM 534C	320	256	325	260	330	264	330	264	295	236
HCM 534D	355	284	365	292	375	300	375	300	355	284
HCM 534E 1	415	332	430	344	440	352	440	352	380	304
HCM 534F	440	352	460	368	475	380	475	380	440	352
HCM 634G 1	530	424	550	440	570	456	570	456	530	424
HCM 634H 1	638	510	656	525	675	540	675	540	638	510
HCM 634J 1	735	588	750	600	760	608	760	608	735	588
HCM 634K 1	790	632	800	640	820	656	820	656	740	592
PM 734A 2	875	700	910	728	910	728	890	712	910	728
PM 734B 2	955	764	1005	804	1010	808	990	792	1005	804
PM 734C 2	1085	868	1115	892	1115	892	1095	876	1090	872
PM 734D 2	1150	920	1190	952	1190	952	1165	932	1190	952
PM 734E 2	1325	1060	1370	1096	1370	1096	1340	1072	1275	1020
PM 734F 2	1450	1160	1495	1196	1495	1196	1465	1172	1495	1196
PM 734G 2	1535	1228	1585	1268	1585	1268	1550	1240	1545	1236

* Parallel star is applicable to windings 311 and 25 only.

** PM 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 25 is not available on these alternators, so parallel star giving 330V - 345V is not possible.

2 Delta connection is not available on the P7 alternators.

70 / 50

**CLASS
B
TEMP RISE**

3 PHASE (12 / 6 WIRE **)										
POWER FACTOR	0.8		0.8		0.8		0.8		0.8	
VOLTS :										
SERIES STAR	380		400		415		440		660 - 690	
* PARALLEL STAR	190		200		208		220		330 - 345	
SERIES DELTA	220		230		240		254		380 - 400	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PM 044D	6.0	4.8	6.0	4.8	6.0	4.8	5.7	4.6	N/A	N/A
PM 044E	8.0	6.4	8.0	6.4	8.0	6.4	7.6	6.1	N/A	N/A
PM 044F	10.0	8.0	10.0	8.0	10.0	8.0	9.5	7.6	N/A	N/A
PM 044G	12.0	9.6	12.0	9.6	12.0	9.6	11.4	9.1	N/A	N/A
PM 044H	14.0	11.2	14.0	11.2	14.0	11.2	13.3	10.6	N/A	N/A

PM 144D	16.0	12.8	16.0	12.8	16.0	12.8	15.2	12.2	N/A	N/A
PM 144E	20.0	16.0	20.0	16.0	20.0	16.0	19.0	15.2	N/A	N/A
PM 144F	22.0	17.6	22.0	17.6	22.0	17.6	20.9	16.7	N/A	N/A
PM 144G	24.0	19.2	24.0	19.2	24.0	19.2	22.8	18.2	N/A	N/A
PM 144H	28.0	22.4	28.0	22.4	28.0	22.4	26.6	21.3	N/A	N/A
PM 144J	32.0	25.6	32.0	25.6	32.0	25.6	30.4	24.3	N/A	N/A
PM 144K	34.0	27.2	34.0	27.2	34.0	27.2	32.3	25.8	N/A	N/A

UCM 224C	35.0	28.0	35.0	28.0	35.0	28.0	25.5	20.4	32.0	25.6
UCM 224D	40.0	32.0	40.0	32.0	40.0	32.0	29.7	23.8	40.0	32.0
UCM 224E	47.5	38.0	47.5	38.0	47.5	38.0	36.9	29.5	N/A	N/A
UCM 224F	57.5	46.0	57.5	46.0	57.5	46.0	45.2	36.2	53.0	42.4
UCM 224G	65.0	52.0	65.0	52.0	65.0	52.0	57.0	45.6	63.5	50.8

UCM 274C	77.5	62.0	77.5	62.0	77.5	62.0	N/A	N/A	77.5	62.0
UCM 274D	87.5	70.0	87.5	70.0	87.5	70.0	N/A	N/A	87.5	70.0
UCM 274E	112.5	90.0	112.5	90.0	112.5	90.0	N/A	N/A	112.5	90.0
UCM 274F	135.0	108.0	135.0	108.0	135.0	108.0	N/A	N/A	135.0	108.0
UCM 274G	149.0	119.2	149.0	119.2	149.0	119.2	N/A	N/A	145.0	116.0
UCM 274H	170.0	136.0	170.0	136.0	170.0	136.0	N/A	N/A	170.0	136.0

UCDM 274K	195.0	156.0	205.0	164.0	200.0	160.0	N/A	N/A	N/A	N/A
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HCM 434C	210	168	210	168	210	168	210	168	200	160
HCM 434D	230	184	230	184	230	184	230	184	225	180
HCM 434E	275	220	275	220	275	220	275	220	260	208
HCM 434F	310	248	310	248	310	248	310	248	300	240

HCM 534C	365	292	370	296	380	304	380	304	340	272	
HCM 534D	405	324	415	332	430	344	430	344	405	324	
HCM 534E	1	475	380	490	392	505	404	505	404	440	352
HCM 534F	505	404	525	420	540	432	540	432	505	404	

HCM 634G	1	630	504	650	520	675	540	675	540	630	504
HCM 634H	1	700	560	720	576	740	592	715	572	700	560
HCM 634J	1	810	648	830	664	850	680	850	680	810	648
HCM 634K	1	900	720	920	736	940	752	940	752	850	680

PM 734A	2	900	720	920	736	955	764	1010	808	1025	820
PM 734B	2	955	764	1005	804	1040	832	1105	884	1140	912
PM 734C	2	1180	944	1240	992	1265	1012	1240	992	1230	984
PM 734D	2	1255	1004	1320	1056	1345	1076	1320	1056	1345	1076
PM 734E	2	1365	1092	1435	1148	1490	1192	1520	1216	1440	1152
PM 734F	2	1500	1200	1580	1264	1640	1312	1665	1332	1690	1352
PM 734G	2	1740	1392	1795	1436	1795	1436	1760	1408	1750	1400

* Parallel star is applicable to windings 311 and 25 only.

** PM 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 25 is not available on these alternators, so parallel star giving 330V - 345V is not possible.

2 Delta connection is not available on the P7 alternators.

3 PHASE (12 / 6 WIRE)										
POWER FACTOR	0.8		0.8		0.8		0.8		0.8	
VOLTS :										
SERIES STAR	380		400		415		440		660 - 690	
* PARALLEL STAR	190		200		208		220		330 - 345	
SERIES DELTA	220		230		240		254		380 - 400	
WINDING NO.	311 / 312		311 / 312		311 / 312		311 / 312		25 / 26	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

PM 044D	6.6	5.3	6.6	5.3	6.6	5.3	6.3	5.0	N/A	N/A
PM 044E	8.8	7.0	8.8	7.0	8.8	7.0	8.4	6.7	N/A	N/A
PM 044F	11.1	8.9	11.1	8.9	11.1	8.9	10.5	8.4	N/A	N/A
PM 044G	13.3	10.6	13.3	10.6	13.3	10.6	12.6	10.1	N/A	N/A
PM 044H	15.5	12.4	15.5	12.4	15.5	12.4	14.7	11.8	N/A	N/A

PM 144D	17.7	14.2	17.7	14.2	17.7	14.2	16.8	13.4	N/A	N/A
PM 144E	22.1	17.7	22.1	17.7	22.1	17.7	21.0	16.8	N/A	N/A
PM 144F	24.3	19.4	24.3	19.4	24.3	19.4	23.1	18.5	N/A	N/A
PM 144G	26.5	21.2	26.5	21.2	26.5	21.2	25.2	20.2	N/A	N/A
PM 144H	31.0	24.8	31.0	24.8	31.0	24.8	29.4	23.5	N/A	N/A
PM 144J	35.4	28.3	35.4	28.3	35.4	28.3	33.6	26.9	N/A	N/A
PM 144K	37.6	30.1	37.6	30.1	37.6	30.1	35.7	28.6	N/A	N/A

UCM 224C	38.0	30.4	38.0	30.4	38.0	30.4	26.8	21.4	33.5	26.8
UCM 224D	44.0	35.2	44.0	35.2	44.0	35.2	32.7	26.2	43.5	34.8
UCM 224E	52.3	41.8	52.3	41.8	52.3	41.8	40.2	32.2	N/A	N/A
UCM 224F	63.3	50.6	63.3	50.6	63.3	50.6	49.1	39.3	58.0	46.4
UCM 224G	71.5	57.2	71.5	57.2	71.5	57.2	62.7	50.2	71.0	56.8

UCM 274C	81.5	65.2	81.5	65.2	81.5	65.2	N/A	N/A	81.5	65.2
UCM 274D	97.0	77.6	97.0	77.6	97.0	77.6	N/A	N/A	97.0	77.6
UCM 274E	120.0	96.0	120.0	96.0	120.0	96.0	N/A	N/A	120.0	96.0
UCM 274F	140.0	112.0	140.0	112.0	140.0	112.0	N/A	N/A	140.0	112.0
UCM 274G	159.0	127.2	159.0	127.2	159.0	127.2	N/A	N/A	155.0	124.0
UCM 274H	175.0	140.0	175.0	140.0	175.0	140.0	N/A	N/A	175.0	140.0

UCDM 274K	195.0	156.0	205.0	164.0	213.0	170.4	N/A	N/A	N/A	N/A
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HCM 434C	215	172	215	172	215	172	215	172	210	168
HCM 434D	240	192	240	192	240	192	240	192	235	188
HCM 434E	295	236	295	236	295	236	295	236	280	224
HCM 434F	340	272	340	272	340	272	340	272	330	264

HCM 534C	390	312	390	312	390	312	390	312	360	288
HCM 534D	435	348	435	348	435	348	435	348	435	348
HCM 534E 1	530	424	530	424	530	424	530	424	495	396
HCM 534F	565	452	585	468	600	480	600	480	565	452

HCM 634G 1	630	504	650	520	675	540	675	540	680	544
HCM 634H 1	765	612	785	628	805	644	770	616	765	612
HCM 634J 1	830	664	850	680	870	696	870	696	830	664
HCM 634K 1	930	744	950	760	970	776	970	776	900	720

* Parallel star is applicable to windings 311 and 25 only.

1 Winding 25 is not available on these alternators, so parallel star giving 330V - 345V is not possible.

110 / 50

**CLASS
H
TEMP RISE**

3 PHASE (12 / 6 WIRE **)															
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		
VOLTS :															
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690		
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345		
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400		
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		07 / 17		27 / 28		
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
PM 044D	6.6	5.3	5.8	4.6	6.2	5.0	6.4	5.1	6.6	5.3	6.6	5.3	N/A	N/A	
PM 044E	8.8	7.0	7.8	6.2	8.3	6.6	8.6	6.9	8.8	7.0	8.8	7.0	N/A	N/A	
PM 044F	10.6	8.5	9.7	7.8	10.4	8.3	10.8	8.6	11.0	8.8	11.0	8.8	N/A	N/A	
PM 044G	13.2	10.6	11.6	9.3	12.4	9.9	12.9	10.3	13.2	10.6	13.2	10.6	N/A	N/A	
PM 044H	14.8	11.8	13.6	10.9	14.6	11.7	15.0	12.0	15.4	12.3	15.4	12.3	N/A	N/A	
PM 144D	17.6	14.1	15.5	12.4	16.6	13.3	17.1	13.7	17.6	14.1	17.6	14.1	N/A	N/A	
PM 144E	21.2	17.0	19.4	15.5	20.7	16.6	21.3	17.0	22.0	17.6	22.0	17.6	N/A	N/A	
PM 144F	23.3	18.6	21.3	17.0	22.8	18.2	23.5	18.8	24.3	19.4	24.3	19.4	N/A	N/A	
PM 144G	26.5	21.2	23.3	18.6	24.9	19.9	25.7	20.6	26.5	21.2	26.5	21.2	N/A	N/A	
PM 144H	30.9	24.7	27.2	21.8	29.0	23.2	29.9	23.9	30.9	24.7	30.9	24.7	N/A	N/A	
PM 144J	33.5	26.8	31.0	24.8	33.2	26.6	34.2	27.4	35.3	28.2	35.3	28.2	N/A	N/A	
PM 144K	38.8	31.0	35.3	28.2	37.0	29.6	37.0	29.6	38.8	31.0	38.8	31.0	N/A	N/A	
UCM 224C	37.5	30.0	35.0	28.0	36.3	29.0	37.5	30.0	37.5	30.0	37.5	30.0	N/A	N/A	
UCM 224D	46.3	37.0	42.0	33.6	43.8	35.0	46.3	37.0	46.3	37.0	46.3	37.0	N/A	N/A	
UCM 224E	50.0	40.0	47.5	38.0	50.0	40.0	52.5	42.0	52.5	42.0	52.5	42.0	N/A	N/A	
UCM 224F	59.4	47.5	57.5	46.0	60.0	48.0	62.5	50.0	62.5	50.0	62.5	50.0	N/A	N/A	
UCM 224G	75.0	60.0	62.5	50.0	68.8	55.0	75.0	60.0	75.0	60.0	75.0	60.0	N/A	N/A	
UCM 274C	81.3	65.0	75.0	60.0	77.5	62.0	80.0	64.0	80.0	64.0	82.0	65.6	N/A	N/A	
UCM 274D	87.5	70.0	87.5	70.0	90.0	72.0	92.5	74.0	92.5	74.0	92.5	74.0	N/A	N/A	
UCM 274E	110.0	88.0	110.0	88.0	112.5	90.0	118.8	95.0	118.8	95.0	118.8	95.0	110.0	88.0	
UCM 274F	127.5	102.0	131.3	105.0	137.5	110.0	143.8	115.0	143.8	115.0	143.8	115.0	N/A	N/A	
UCM 274G	147.5	118.0	151.6	121.3	162.0	129.6	162.0	129.6	162.0	129.6	157.5	126.0	N/A	N/A	
UCM 274H	175.0	140.0	175.0	140.0	187.5	150.0	200.0	160.0	200.0	160.0	200.0	160.0	178.0	142.4	
UCDM 274K	N/A	N/A	226.0	180.8	233.0	186.4	236.0	188.8	230.0	184.0	N/A	N/A	N/A	N/A	
HCM 434C	220	176	210	168	215	172	220	176	225	180	225	180	230	184	
HCM 434D	235	188	225	180	235	188	250	200	260	208	260	208	255	204	
HCM 434E	N/A	N/A	275	220	285	228	295	236	305	244	305	244	290	232	
HCM 434F	1	345	276	320	256	330	264	335	268	345	276	345	276	350	280
HCM 534C	355	284	375	300	395	316	415	332	420	336	400	320	406	325	
HCM 534D	445	356	405	324	425	340	445	356	465	372	465	372	443	354	
HCM 534E	2	480	384	495	396	515	412	520	416	530	424	510	408	535	428
HCM 534F	582	466	544	435	565	452	578	462	582	466	582	466	554	443	
HCM 634G	3	638	510	638	510	662	530	688	550	712	570	712	570	705	564
HCM 634H	3	718	574	713	570	750	600	780	624	800	640	750	600	N/A	N/A
HCM 634J	1, 3	900	720	825	660	850	680	900	720	925	740	925	740	N/A	N/A
HCM 634K	1, 3	985	788	925	740	965	772	1000	800	1010	808	1010	808	1075	860
PM 734A	4	1010	808	985	788	1085	868	1090	872	1095	876	1095	876	1010	808
PM 734B	4	1120	896	1095	876	1170	936	1190	952	1215	972	1215	972	1125	900
PM 734C	4	1275	1020	1225	980	1305	1044	1335	1068	1360	1088	1360	1088	1325	1060
PM 734D	4	1380	1104	1305	1044	1390	1112	1420	1136	1450	1160	1450	1160	1395	1116
PM 734E	4	N/A	N/A	1490	1192	1590	1272	1620	1296	1655	1324	1655	1324	1475	1180
PM 734F	4	1800	1440	1685	1348	1795	1436	1835	1468	1870	1496	1870	1496	1700	1360
PM 734G	4	N/A	N/A	1780	1424	1900	1520	1940	1552	1980	1584	1980	1584	N/A	N/A

* Parallel star is applicable to windings 311, 14 and 17 only.

** PM 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 14 is not available on these alternators, so parallel star giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star giving 300V is not possible.

4 Delta connection is not available on the P7 alternators.

**AVR CONTROLLED
50°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 90°C
(BASE CONTINUOUS RATING)**

**MARINE
60 Hz
4 Pole**

3 PHASE (12 / 6 WIRE **)															
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		
VOLTS :															
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690		
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345		
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400		
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		07 / 17		27 / 28		
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
PM 044D	7.5	6.0	6.6	5.3	7.0	5.6	7.3	5.8	7.5	6.0	7.5	6.0	N/A	N/A	
PM 044E	10.0	8.0	8.8	7.0	9.4	7.5	9.7	7.8	10.0	8.0	10.0	8.0	N/A	N/A	
PM 044F	12.0	9.6	11.0	8.8	11.8	9.4	12.2	9.8	12.5	10.0	12.5	10.0	N/A	N/A	
PM 044G	15.0	12.0	13.2	10.6	14.1	11.3	14.6	11.7	15.0	12.0	15.0	12.0	N/A	N/A	
PM 044H	16.8	13.4	15.4	12.3	16.5	13.2	17.0	13.6	17.5	14.0	17.5	14.0	N/A	N/A	
PM 144D	20.0	16.0	17.6	14.1	18.8	15.0	19.4	15.5	20.0	16.0	20.0	16.0	N/A	N/A	
PM 144E	24.0	19.2	22.0	17.6	23.5	18.8	24.2	19.4	25.0	20.0	25.0	20.0	N/A	N/A	
PM 144F	26.4	21.1	24.2	19.4	25.8	20.6	26.6	21.3	27.5	22.0	27.5	22.0	N/A	N/A	
PM 144G	30.0	24.0	26.4	21.1	28.2	22.6	29.1	23.3	30.0	24.0	30.0	24.0	N/A	N/A	
PM 144H	35.0	28.0	30.8	24.6	32.9	26.3	33.9	27.1	35.0	28.0	35.0	28.0	N/A	N/A	
PM 144J	38.0	30.4	35.2	28.2	37.6	30.1	38.8	31.0	40.0	32.0	40.0	32.0	N/A	N/A	
PM 144K	44.0	35.2	40.0	32.0	42.0	33.6	42.0	33.6	44.0	35.2	44.0	35.2	N/A	N/A	
UCM 224C	43.1	34.5	39.4	31.5	41.9	33.5	43.1	34.5	43.1	34.5	43.1	34.5	N/A	N/A	
UCM 224D	51.3	41.0	47.5	38.0	50.0	40.0	51.3	41.0	51.3	41.0	51.3	41.0	N/A	N/A	
UCM 224E	56.3	45.0	53.8	43.0	56.3	45.0	58.8	47.0	58.8	47.0	58.8	47.0	N/A	N/A	
UCM 224F	68.8	55.0	65.6	52.5	68.8	55.0	71.9	57.5	71.9	57.5	71.9	57.5	N/A	N/A	
UCM 224G	81.3	65.0	75.0	60.0	78.8	63.0	81.3	65.0	81.3	65.0	81.3	65.0	N/A	N/A	
UCM 274C	93.8	75.0	90.0	72.0	92.5	74.0	97.5	78.0	97.5	78.0	95.0	76.0	N/A	N/A	
UCM 274D	107.5	86.0	107.5	86.0	110.0	88.0	112.5	90.0	112.5	90.0	112.5	90.0	N/A	N/A	
UCM 274E	125.0	100.0	125.0	100.0	131.3	105.0	137.5	110.0	137.5	110.0	137.5	110.0	125.0	100.0	
UCM 274F	147.5	118.0	150.0	120.0	156.0	124.8	163.0	130.4	163.0	130.4	163.0	130.4	N/A	N/A	
UCM 274G	166.0	132.8	170.7	136.6	186.0	148.8	189.0	151.2	189.0	151.2	181.0	144.8	N/A	N/A	
UCM 274H	200.0	160.0	200.0	160.0	212.5	170.0	218.8	175.0	218.8	175.0	218.8	175.0	202.0	161.6	
UCDM 274K	N/A	N/A	250.0	200.0	265.0	212.0	270.0	216.0	265.0	212.0	N/A	N/A	N/A	N/A	
HCM 434C	250	200	240	192	245	196	250	200	255	204	255	204	265	212	
HCM 434D	270	216	255	204	270	216	280	224	295	236	295	236	285	228	
HCM 434E	N/A	N/A	315	252	325	260	340	272	345	276	345	276	320	256	
HCM 434F	1	395	316	365	292	375	300	380	304	395	316	395	316	400	320
HCM 534C	410	328	431	345	450	360	475	380	481	385	460	368	460	368	
HCM 534D	506	405	463	370	488	390	506	405	531	425	531	425	502	402	
HCM 534E	2	555	444	563	450	588	470	594	475	606	485	590	472	606	485
HCM 534F	663	530	619	495	644	515	656	525	663	530	663	530	627	502	
HCM 634G	3	731	585	731	585	763	610	800	640	819	655	819	655	800	640
HCM 634H	3	814	651	819	655	863	690	900	720	925	740	863	690	N/A	N/A
HCM 634J	1, 3	1038	830	956	765	988	790	1038	830	1063	850	1063	850	N/A	N/A
HCM 634K	1, 3	1135	908	1063	850	1113	890	1150	920	1181	945	1181	945	1218	974
PM 734A	4	1080	864	1015	812	1100	880	1120	896	1170	936	1170	936	1145	916
PM 734B	4	1180	944	1110	888	1170	936	1220	976	1280	1024	1280	1024	1270	1016
PM 734C	4	1445	1156	1390	1112	1480	1184	1510	1208	1540	1232	1540	1232	1500	1200
PM 734D	4	1570	1256	1480	1184	1580	1264	1610	1288	1645	1316	1645	1316	1580	1264
PM 734E	4	N/A	N/A	1690	1352	1800	1440	1840	1472	1875	1500	1875	1500	1675	1340
PM 734F	4	2040	1632	1910	1528	2035	1628	2075	1660	2120	1696	2120	1696	1925	1540
PM 734G	4	N/A	N/A	2020	1616	2155	1724	2200	1760	2245	1796	2245	1796	N/A	N/A

* Parallel star is applicable to windings 311, 14 and 17 only.

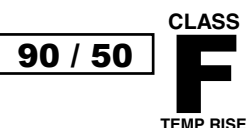
** PM 734 alternator windings are 6 wire only, so parallel star connection is not possible.

1 Winding 14 is not available on these alternators, so parallel star giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star giving 300V is not possible.

4 Delta connection is not available on the P7 alternators.



		3 PHASE (12 / 6 WIRE)													
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		0.8		
VOLTS :															
SERIES STAR	380 - 416		416		440		460		480		600		660 - 690		
* PARALLEL STAR	190 - 208		208		220		230		240		300		330 - 345		
SERIES DELTA	220 - 240		240		254		266		277		346		380 - 400		
WINDING NO.	14 / 13		311 / 312		311 / 312		311 / 312		311 / 312		07 / 17		27 / 28		
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	
PM 044D	8.3	6.6	7.3	5.8	7.7	6.2	8.1	6.5	8.3	6.6	8.3	6.6	N/A	N/A	
PM 044E	11.1	8.9	9.7	7.8	10.4	8.3	10.7	8.6	11.1	8.9	11.1	8.9	N/A	N/A	
PM 044F	13.3	10.6	12.2	9.8	13.0	10.4	13.5	10.8	13.8	11.0	13.8	11.0	N/A	N/A	
PM 044G	16.6	13.3	14.6	11.7	15.6	12.5	16.1	12.9	16.6	13.3	16.6	13.3	N/A	N/A	
PM 044H	18.6	14.9	17.0	13.6	18.2	14.6	18.8	15.0	19.3	15.4	19.4	15.5	N/A	N/A	
PM 144D	22.1	17.7	19.5	15.6	20.8	16.6	21.4	17.1	22.1	17.7	22.1	17.7	N/A	N/A	
PM 144E	26.5	21.2	24.3	19.4	26.0	20.8	26.8	21.4	27.6	22.1	27.7	22.2	N/A	N/A	
PM 144F	29.2	23.4	26.8	21.4	28.5	22.8	29.4	23.5	30.4	24.3	30.4	24.3	N/A	N/A	
PM 144G	33.2	26.6	29.2	23.4	31.2	25.0	32.2	25.8	33.2	26.6	33.2	26.6	N/A	N/A	
PM 144H	38.7	31.0	34.1	27.3	36.4	29.1	37.5	30.0	38.7	31.0	38.7	31.0	N/A	N/A	
PM 144J	42.0	33.6	38.9	31.1	41.6	33.3	42.9	34.3	44.2	35.4	44.2	35.4	N/A	N/A	
PM 144K	48.7	39.0	44.2	35.4	46.4	37.1	46.4	37.1	48.6	38.9	48.7	39.0	N/A	N/A	
UCM 224C	46.5	37.2	43.8	35.0	44.7	35.8	44.7	35.8	46.5	37.2	46.5	37.2	N/A	N/A	
UCM 224D	54.3	43.4	51.0	40.8	53.1	42.5	54.3	43.4	56.3	45.0	56.3	45.0	N/A	N/A	
UCM 224E	63.0	50.4	60.0	48.0	63.0	50.4	63.0	50.4	66.0	52.8	66.0	52.8	N/A	N/A	
UCM 224F	72.5	58.0	72.5	58.0	75.6	60.5	75.6	60.5	80.0	64.0	80.0	64.0	N/A	N/A	
UCM 224G	91.0	72.8	84.5	67.6	87.0	69.6	91.0	72.8	92.0	73.6	92.0	73.6	N/A	N/A	
UCM 274C	105.0	84.0	93.8	75.0	102.5	82.0	102.5	82.0	108.8	87.0	106.3	85.0	N/A	N/A	
UCM 274D	115.0	92.0	115.0	92.0	117.5	94.0	120.0	96.0	125.0	100.0	125.0	100.0	N/A	N/A	
UCM 274E	135.0	108.0	135.0	108.0	137.5	110.0	140.0	112.0	144.0	115.2	144.0	115.2	140.0	112.0	
UCM 274F	155.0	124.0	156.3	125.0	162.5	130.0	167.5	134.0	168.8	135.0	168.8	135.0	N/A	N/A	
UCM 274G	181.3	145.0	186.4	149.1	192.8	154.2	192.8	154.2	205.7	164.6	200.0	160.0	N/A	N/A	
UCM 274H	212.5	170.0	212.5	170.0	218.8	175.0	221.3	177.0	225.0	180.0	225.0	180.0	223.0	178.4	
UCDM 274K	N/A	N/A	252.0	201.6	265.0	212.0	275.0	220.0	285.0	228.0	N/A	N/A	N/A	N/A	
HCM 434C	265	212	255	204	260	208	265	212	270	216	270	216	290	232	
HCM 434D	305	244	295	236	305	244	320	256	330	264	330	264	315	252	
HCM 434E	N/A	N/A	340	272	350	280	365	292	370	296	370	296	360	288	
HCM 434F 1	425	340	395	316	405	324	415	332	425	340	425	340	440	352	
HCM 534C	445	356	463	370	485	388	515	412	520	416	500	400	510	408	
HCM 534D	545	436	500	400	520	416	545	436	570	456	570	456	556	445	
HCM 534E 2	600	480	606	485	625	500	638	510	650	520	638	510	672	538	
HCM 534F	725	580	663	530	694	555	706	565	725	580	725	580	695	556	
HCM 634G 3	788	630	788	630	813	650	856	685	875	700	875	700	885	708	
HCM 634H 3	900	720	885	708	931	745	970	776	994	795	931	745	N/A	N/A	
HCM 634J 1, 3	1113	890	1031	825	1063	850	1113	890	1150	920	1150	920	N/A	N/A	
HCM 634K 1, 3	1220	976	1150	920	1200	960	1238	990	1275	1020	1275	1020	1347	1078	

* Parallel star is applicable to windings 311, 14 and 17 only.

1 Winding 14 is not available on these alternators, so parallel star giving 190V - 208V is not possible.

2 Figures given for winding 13 / 14 apply to 380V only.

3 Winding 17 is not available on these alternators, so parallel star giving 300V is not possible.

**AVR CONTROLLED
50°C AMBIENT TEMPERATURE
CLASS “B” TEMP RISE 70°C
(BASE CONTINUOUS RATING)**

**MARINE
50 Hz
6 Pole**

3 PHASE (6 WIRE)						
POWER FACTOR	0.8		0.8		0.8	
VOLTS :						
STAR	380 - 415		440		660 - 690	
DELTA	220 - 240		250		380 - 400	
WINDING NO.	312		312		26	
	kVA	kW	kVA	kW	kVA	kW

HCM 636G	220	176	220	176	N/A	N/A
HCM 636H	290	232	290	232	N/A	N/A
HCM 636J	350	280	350	280	N/A	N/A
HCM 636K	440	352	440	352	N/A	N/A

PM 736B	1	480	384	480	384	N/A	N/A
PM 736D	1	630	504	630	504	N/A	N/A
PM 736F	1	800	640	800	640	N/A	N/A

70 / 50

**CLASS
B
TEMP RISE**

**AVR CONTROLLED
50°C AMBIENT TEMPERATURE
CLASS “F” TEMP RISE 90°C
(BASE CONTINUOUS RATING)**

**MARINE
50 Hz
6 Pole**

3 PHASE (6 WIRE)						
POWER FACTOR	0.8		0.8		0.8	
VOLTS :						
STAR	380 - 415		440		660 - 690	
DELTA	220 - 240		250		380 - 400	
WINDING NO.	312		312		26	
	kVA	kW	kVA	kW	kVA	kW

HCM 636G	250	200	250	200	N/A	N/A
HCM 636H	330	264	330	264	N/A	N/A
HCM 636J	400	320	400	320	N/A	N/A
HCM 636K	505	404	505	404	N/A	N/A

PM 736B	1	500	400	500	400	N/A	N/A
PM 736D	1	655	524	655	524	N/A	N/A
PM 736F	1	850	680	850	680	N/A	N/A

1 Delta connection is not available on the P7 alternators.

90 / 50

**CLASS
F
TEMP RISE**

		3 PHASE (6 WIRE)					
POWER FACTOR		0.8		0.8		0.8	
VOLTS :							
STAR		380 - 415		440		660 - 690	
DELTA		220 - 240		250		380 - 400	
WINDING NO.		312		312		26	
		kVA	kW	kVA	kW	kVA	kW

HCM 636G		250	200	250	200	N/A	N/A
HCM 636H		330	264	330	264	N/A	N/A
HCM 636J		400	320	400	320	N/A	N/A
HCM 636K		505	404	505	404	N/A	N/A

PM 736B	1	525	420	525	420	N/A	N/A
PM 736D	1	655	524	655	524	N/A	N/A
PM 736F	1	900	720	900	720	N/A	N/A

1 Delta connection is not available on the P7 alternators.

AVR CONTROLLED
50°C AMBIENT TEMPERATURE
CLASS "B" TEMP RISE 70°C
(BASE CONTINUOUS RATING)

MARINE
60 Hz
6 Pole

3 PHASE (6 WIRE)													
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		
VOLTS :													
STAR	416		440		460		480		600		660 - 690		
DELTA	240		254		266		277		346		380 - 400		
WINDING NO.	312		312		312		312		07		28		
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	

HCM 636G	250	200	270	216	270	216	270	216	270	216	N/A	N/A
HCM 636H	330	264	350	280	350	280	350	280	350	280	N/A	N/A
HCM 636J	405	324	430	344	430	344	430	344	430	344	N/A	N/A
HCM 636K	510	408	535	428	535	428	535	428	535	428	N/A	N/A

PM 736B	1	600	480	650	520	650	520	650	520	650	520	N/A	N/A
PM 736D	1	800	640	845	676	845	676	845	676	845	676	N/A	N/A
PM 736F	1	985	788	1040	832	1040	832	1040	832	1040	832	N/A	N/A

70 / 50

CLASS
B
TEMP RISE

AVR CONTROLLED
50°C AMBIENT TEMPERATURE
CLASS "F" TEMP RISE 90°C
(BASE CONTINUOUS RATING)

MARINE
60 Hz
6 Pole

3 PHASE (6 WIRE)													
POWER FACTOR	0.8		0.8		0.8		0.8		0.8		0.8		
VOLTS :													
STAR	416		440		460		480		600		660 - 690		
DELTA	240		254		266		277		346		380 - 400		
WINDING NO.	312		312		312		312		07		28		
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	

HCM 636G	294	235	313	250	313	250	313	250	313	250	N/A	N/A
HCM 636H	388	310	413	330	413	330	413	330	413	330	N/A	N/A
HCM 636J	475	380	500	400	500	400	500	400	500	400	N/A	N/A
HCM 636K	594	475	625	500	625	500	625	500	625	500	N/A	N/A

PM 736B	1	710	568	750	600	750	600	750	600	750	600	N/A	N/A
PM 736D	1	920	736	975	780	975	780	975	780	975	780	N/A	N/A
PM 736F	1	1135	908	1200	960	1200	960	1200	960	1200	960	N/A	N/A

1 Delta connection is not available on the P7 alternators.

90 / 50

CLASS
F
TEMP RISE

		3 PHASE (6 WIRE)											
POWER FACTOR		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
VOLTS :													
STAR		416	440	460	480	600	660 - 690						
DELTA		240	254	266	277	346	380 - 400						
WINDING NO.		312	312	312	312	07	28						
		kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW

HCM 636G		294	235	313	250	313	250	313	250	N/A	N/A	N/A	N/A
HCM 636H		393	314	415	332	415	332	415	332	N/A	N/A	N/A	N/A
HCM 636J		475	380	500	400	500	400	500	400	N/A	N/A	N/A	N/A
HCM 636K		594	475	625	500	625	500	625	500	N/A	N/A	N/A	N/A

PM 736B	1	710	568	750	600	750	600	750	600	750	600	N/A	N/A
PM 736D	1	920	736	975	780	975	780	975	780	975	780	N/A	N/A
PM 736F	1	1240	992	1240	992	1240	992	1240	992	1200	960	N/A	N/A

1 Delta connection is not available on the P7 alternators.

	3 PHASE (6 WIRE)				1 PHASE (6 WIRE)			
	0.8		0.85		0.8		0.85	
POWER FACTOR	0.8		0.85		0.8		0.85	
VOLTS :	380 - 415		380 - 415		220 - 240		220 - 240	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW

UCI 224C	30.0	24.0	35.0	29.8	20.0	16.0	23.5	20.0
UCI 224D	35.0	28.0	42.5	36.1	23.5	18.8	28.5	24.2
UCI 224E	42.5	34.0	50.0	42.5	28.5	22.8	33.5	28.5
UCI 224F	55.0	44.0	65.0	55.3	36.5	29.2	43.0	36.6
UCI 224G	65.0	52.0	75.0	63.8	43.5	34.8	50.0	42.5

Winding number is specific to output voltage.

These alternators will only operate at the voltage specified at time of order.

	3 PHASE (6 WIRE)				1 PHASE (6 WIRE)			
	POWER FACTOR	0.8		0.85		0.8		0.85
VOLTS :	480		480		220 - 240		220 - 240	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW

UCI 224C	37.5	30.0	42.5	36.1	25.0	20.0	28.0	23.8
UCI 224D	44.0	35.2	49.0	41.7	29.4	23.5	32.5	27.6
UCI 224E	53.0	42.4	60.0	51.0	35.6	28.5	40.0	34.0
UCI 224F	69.0	55.2	75.0	63.8	45.6	36.5	50.0	42.5
UCI 224G	81.0	64.8	88.0	74.8	54.4	43.5	59.0	50.2

Winding number is specific to output voltage.

These alternators will only operate at the voltage specified at time of order.

Power Factor		0.8									
Connection		Star (3 Phase, 6 wire)									
Temp Rise/Ambient		Class H 150/40°C					Class H 125/40°C				
Rating		Standby					Continuous				
Voltage		380V	400V	415V	440V	660-690V	380V	400V	415V	440V	660-690V
Winding No.		12	12	12	12	65	12	12	12	12	65
LVSI 804R	kVA	2445	2575	2575	2420	N/A	2290	2410	2410	2265	N/A
	kW	1956	2060	2060	1936	N/A	1832	1928	1928	1812	N/A
LVSI 804S	kVA	2835	2985	2985	2805	N/A	2650	2790	2790	2620	N/A
	kW	2268	2388	2388	2244	N/A	2120	2232	2232	2096	N/A
LVSI 804T	kVA	3095	3260	3260	3065	3025	2895	3050	3050	2865	2830
	kW	2476	2608	2608	2452	2420	2316	2440	2440	2292	2264
LVSI 804W	kVA	3610	3800	3800	3570	3550	3375	3555	3555	3340	3320
	kW	2888	3040	3040	2856	2840	2700	2844	2844	2672	2656
LVSI 804X	kVA	3970	4180	4180	3970	N/A	3715	3911	3911	3675	N/A
	kW	3176	3344	3344	3176	N/A	2972	3129	3129	2940	N/A
LVSI 804Y	kVA	N/A	N/A	N/A	N/A	4065	N/A	N/A	N/A	N/A	3800
	kW	N/A	N/A	N/A	N/A	3252	N/A	N/A	N/A	N/A	3040

Power Factor		0.8									
Connection		Star (3 Phase, 6 wire)									
Temp Rise/Ambient		Class F 105/40°C					Class B 80/40°C				
Rating		Continuous					Continuous				
Voltage		380V	400V	415V	440V	660-690V	380V	400V	415V	440V	660-690V
Winding No.		12	12	12	12	65	12	12	12	12	65
LVSI 804R	kVA	2100	2210	2210	2075	N/A	1830	1930	1930	1815	N/A
	kW	1680	1768	1768	1660	N/A	1464	1544	1544	1452	N/A
LVSI 804S	kVA	2430	2560	2560	2405	N/A	2125	2240	2240	2105	N/A
	kW	1944	2048	2048	1924	N/A	1700	1792	1792	1684	N/A
LVSI 804T	kVA	2660	2800	2800	2630	2560	2325	2450	2450	2300	2170
	kW	2128	2240	2240	2104	2048	1860	1960	1960	1840	1736
LVSI 804W	kVA	3155	3322	3322	3122	3020	2740	2887	2887	2715	2560
	kW	2524	2658	2658	2498	2416	2192	2310	2310	2172	2048
LVSI 804X	kVA	3470	3655	3655	3435	N/A	3015	3177	3177	2980	N/A
	kW	2776	2924	2924	2748	N/A	2412	2542	2542	2384	N/A
LVSI 804Y	kVA	N/A	N/A	N/A	N/A	3535	N/A	N/A	N/A	N/A	3080
	kW	N/A	N/A	N/A	N/A	2828	N/A	N/A	N/A	N/A	2464

Power Factor		0.8											
Connection		Star (3 Phase, 6 wire)											
Temp Rise/Ambient		Class H 150/40°C						Class H 125/40°C					
Rating		Standby						Continuous					
Voltage		380V	416V	440V	460V	480V	600V	380V	416V	440V	460V	480V	600V
Winding No.		13	12	12	12	12	07	13	12	12	12	12	07
LVSI 804R	kVA	3015	2780	2940	3066	3200	N/A	2825	2600	2750	2875	3000	N/A
	kW	2412	2224	2352	2453	2560	N/A	2260	2080	2200	2300	2400	N/A
LVSI 804S	kVA	3470	3105	3285	3436	3585	3325	3250	2900	3070	3210	3350	3110
	kW	2776	2484	2628	2749	2868	2660	2600	2320	2456	2568	2680	2488
LVSI 804T	kVA	3630	3390	3590	3753	3915	N/A	3400	3170	3355	3508	3660	N/A
	kW	2904	2712	2872	3002	3132	N/A	2720	2536	2684	2806	2928	N/A
LVSI 804W	kVA	4000	3841	4060	4245	4430	4430	3750	3590	3800	3969	4142	4142
	kW	3200	3072	3248	3396	3544	3544	3000	2872	3040	3175	3314	3314
LVSI 804X	kVA	N/A	4130	4370	4571	4770	4770	N/A	3870	4090	4278	4464	4464
	kW	N/A	3304	3496	3657	3816	3816	N/A	3096	3272	3422	3571	3571

Power Factor		0.8											
Connection		Star (3 Phase, 6 wire)											
Temp Rise/Ambient		Class F 105/40°C						Class B 80/40°C					
Rating		Continuous						Continuous					
Voltage		380V	416V	440V	460V	480V	600V	380V	416V	440V	460V	480V	600V
Winding No.		13	12	12	12	12	07	13	12	12	12	12	07
LVSI 804R	kVA	2590	2385	2520	2635	2750	N/A	2260	2080	2200	2300	2400	N/A
	kW	2072	1908	2016	2108	2200	N/A	1808	1664	1760	1840	1920	N/A
LVSI 804S	kVA	2975	2665	2820	2948	3075	2820	2630	2325	2455	2569	2680	2370
	kW	2380	2132	2256	2358	2460	2256	2104	1860	1964	2055	2144	1896
LVSI 804T	kVA	3130	2910	3080	3220	3360	N/A	2750	2600	2750	2875	3000	N/A
	kW	2504	2328	2464	2576	2688	N/A	2200	2080	2200	2300	2400	N/A
LVSI 804W	kVA	3450	3350	3550	3710	3871	3871	3030	2915	3085	3224	3364	3364
	kW	2760	2680	2840	2968	3097	3097	2424	2332	2468	2579	2691	2691
LVSI 804X	kVA	N/A	3615	3820	3998	4172	4172	N/A	3140	3300	3474	3625	3625
	kW	N/A	2892	3056	3198	3338	3338	N/A	2512	2624	2779	2900	2900

Power Factor		0.8			
Connection		Star (3 Phase, 6 wire)			
Temp. Rise/Ambient		Class H 150/40°C	Class H 125/40°C	Class F 105/40°C	Class B 80/40°C
Rating		Standby	Continuous	Continuous	Countinuous
Voltage		3300V	3300V	3300V	3300V
Winding No.		51	51	51	51
MVSI 804R	kVA	2835	2650	2400	2100
	kW	2268	2120	1920	1680
MVSI 804S	kVA	3100	2900	2660	2330
	kW	2480	2320	2128	1864
MVSI 804T	kVA	3370	3160	2940	2590
	kW	2696	2528	2352	2072
MVSI 804W	kVA	3960	3718	3475	3114
	kW	3168	2974	2780	2491
MVSI 804X	kVA	4520	4253	3975	3562
	kW	3616	3402	3180	2850

Power Factor		0.8			
Connection		Star (3 Phase, 6 wire)			
Temp Rise/Ambient		Class H 150/40°C	Class H 125/40°C	Class F 105/40°C	Class B 80/40°C
Rating		Standby	Continuous	Continuous	Countinuous
Voltage		4160V	4160V	4160V	4160V
Winding No.		51	51	51	51
MVSI 804R	kVA	3370	3150	2880	2520
	kW	2696	2520	2304	2016
MVSI 804S	kVA	3775	3530	3250	2820
	kW	3020	2824	2600	2256
MVSI 804T	kVA	4160	3900	3630	3180
	kW	3328	3120	2904	2544
MVSI 804W	kVA	4780	4494	4200	3650
	kW	3824	3595	3360	2920
MVSI 804X	kVA	5520	5190	4850	4215
	kW	4416	4152	3880	3372

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class F 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		6000V	6300V	6600V	6000V	6300V	6600V	6000V	6300V	6600V
Winding No.		71	61	61	71	61	61	71	61	61
HVSI 804R	kVA	2400	2291	2400	2250	2148	2250	1950	1861	1950
	kW	1920	1833	1920	1800	1718	1800	1560	1489	1560
HVSI 804S	kVA	2695	2573	2695	2520	2405	2520	2200	2100	2200
	kW	2156	2058	2156	2016	1924	2016	1760	1680	1760
HVSI 804T	kVA	3075	2935	3075	2875	2744	2875	2480	2368	2480
	kW	2460	2348	2460	2300	2195	2300	1984	1894	1984
HVSI 804W	kVA	3640	3475	3640	3410	3255	3410	2970	2835	2970
	kW	2912	2780	2912	2728	2604	2728	2376	2268	2376
HVSI 804X	kVA	4140	3952	4140	3875	3699	3875	3370	3226	3380
	kW	3312	3162	3312	3100	2959	3100	2696	2581	2704

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class F 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		10000V	10500V	11000V	10000V	10500V	11000V	10000V	10500V	11000V
Winding No.		81	83	83	81	83	83	81	83	83
HVSI 804R	kVA	2430	2320	2430	2270	2168	2270	2000	1909	2000
	kW	1944	1856	1944	1816	1734	1816	1600	1527	1600
HVSI 804S	kVA	2690	2568	2690	2515	2401	2515	2200	2100	2200
	kW	2152	2054	2152	2012	1921	2012	1760	1680	1760
HVSI 804T	kVA	3035	2897	3035	2840	2711	2840	2500	2386	2500
	kW	2428	2318	2428	2272	2169	2272	2000	1909	2000
HVSI 804W	kVA	3470	3312	3470	3259	3111	3259	2830	2701	2830
	kW	2776	2650	2776	2607	2489	2607	2264	2161	2264
HVSI 804X	kVA	3960	3780	3960	3724	3555	3724	3240	3093	3240
	kW	3168	3024	3168	2980	2844	2980	2592	2474	2592

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class F 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		7200V	11400V	12470V	7200V	11400V	12470V	7200V	11400V	12470V
Winding No.		71	81	87	71	81	87	71	81	87
HVSI 804R	kVA	3075	2770	2840	2875	2588	2650	2510	2280	2312
	kW	2460	2216	2272	2300	2070	2120	2008	1824	1850
HVSI 804S	kVA	3360	3065	3090	3140	2868	2900	2750	2505	2535
	kW	2688	2452	2472	2512	2294	2320	2200	2004	2028
HVSI 804T	kVA	3775	3460	N/A	3530	3238	N/A	3080	2850	N/A
	kW	3020	2768	N/A	2824	2590	N/A	2464	2280	N/A
HVSI 804W	kVA	4490	3950	N/A	4200	3715	N/A	3660	3226	N/A
	kW	3592	3160	N/A	3360	2970	N/A	2928	2581	N/A
HVSI 804X	kVA	5080	4510	N/A	4750	4245	N/A	4130	3694	N/A
	kW	4064	3608	N/A	3800	3396	N/A	3304	2955	N/A

Power Factor		0.8								
Connection		Star (3 Phase, 6 wire)								
Temp Rise/Ambient		Class F 125/40°C			Class F 105/40°C			Class B 80/40°C		
Rating		Standby			Continuous			Continuous		
Voltage		12470V	13200V	13800V	12470V	13200V	13800V	12470V	13200V	13800V
Winding No.		91	91	91	91	91	91	91	91	91
HVSI 804R	kVA	2570	2720	2840	2400	2535	2650	2080	2200	2312
	kW	2056	2176	2272	1920	2030	2120	1664	1760	1850
HVSI 804S	kVA	2900	3070	3200	2710	2870	3000	2355	2490	2625
	kW	2320	2456	2560	2168	2296	2400	1884	1992	2100
HVSI 804T	kVA	3185	3375	3530	2980	3155	3300	2590	2740	2880
	kW	2548	2700	2824	2384	2524	2640	2072	2192	2304
HVSI 804W	kVA	3580	3790	3960	3365	3560	3724	2930	3100	3240
	kW	2864	3032	3168	2692	2848	2979	2344	2488	2592
HVSI 804X	kVA	4050	4295	4490	3810	4030	4214	3300	3500	3660
	kW	3240	3436	3592	3048	3224	3371	2640	2800	2928



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