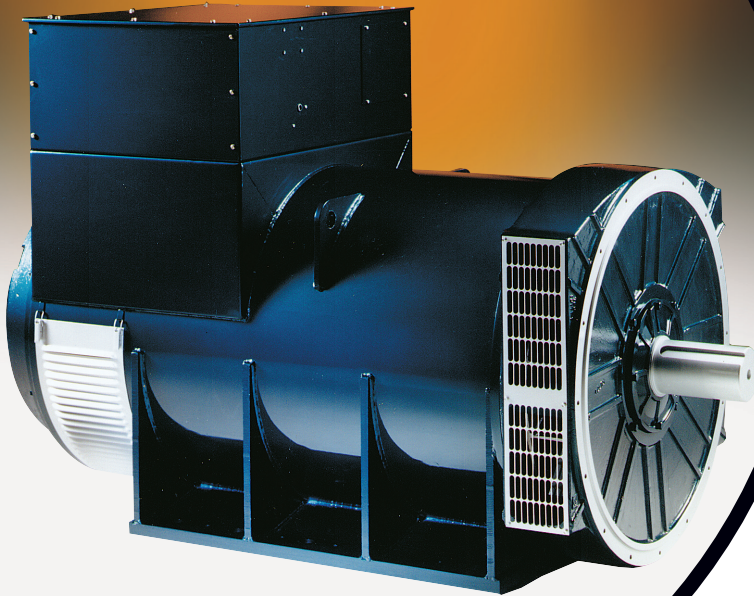


product profile

HC7 RANGE

Voltages
380V - 690V

Outputs
from 1320 - 2500 kVA (4 pole)



FEATURES:

- Permanent Magnet Generator (PMG) provides an isolated power supply to the excitation control system
- MX321 (PMG) as standard with 0.5% Regulation and 3 Phase Sensing
- 2/3 pitch windings avoid excessive neutral currents
- Single or two bearing construction with dynamically balanced rotor and sealed-for-life bearings
- Easy access for installation and maintenance
- Built to conform with all leading industrial and marine standards

OPTIONS & ACCESSORIES:

- Temperature Indication RTD's
- Winding Protection Thermistors
- Anti Condensation Heaters
- Air Filters
- Quadrature Droop kit for Parallel Operation
- Power Factor Controller
- Diode Failure Unit
- Excitation Loss Module
- Manual Voltage Regulator

STAMFORD
power generation



product profile

HC7 RANGE

TYPICAL APPLICATIONS:

- Combined Heat & Power
- Parallel Operation
- Peak Shaving
- Base Load Prime
- Standby
- Rental
- Telecommunication
- Marine/Offshore



Standard Winding (311)

3 Phase Ratings for STAMFORD HC7 Generators

Rating/Ambient	4 Pole																	
	50Hz (1500 rpm)									60Hz (1800 rpm)								
	Base 40°C			Peak 40°C			Peak 27°C			Base 40°C			Peak 40°C			Peak 27°C		
Application/Temp Rise	Continuous 125°C			Standby 150°C			Standby 163°C			Continuous 125°C			Standby 150°C			Standby 163°C		
Voltage	380	400	415	380	400	415	380	400	415	416	440	480	416	440	480	416	440	480
HCI 7E kVA	1320	1320	1320	1400	1400	1400	1440	1440	1440	1500	1550	1625	1588	1638	1719	1650	1700	1775
kW	1056	1056	1056	1120	1120	1120	1152	1152	1152	1200	1240	1300	1270	1310	1375	1320	1360	1420
HCI 7F kVA	1500	1500	1500	1580	1580	1580	1630	1630	1630	1688	1775	1875	1750	1875	1988	1813	1925	2063
kW	1200	1200	1200	1264	1264	1264	1304	1304	1304	1350	1420	1500	1400	1500	1590	1450	1540	1650
HCI 7G kVA	1800	1825	1800	1860	1885	1860	1930	1955	1930	2063	2163	2281	2175	2281	2413	2250	2344	2500
kW	1440	1460	1440	1488	1508	1488	1544	1564	1544	1650	1730	1825	1740	1825	1930	1800	1875	2000
HCI 7H kVA	2000	2000	2000	2100	2100	2100	2150	2150	2150	2250	2375	2500	2340	2470	2600	2430	2560	2700
kW	1600	1600	1600	1680	1680	1680	1720	1720	1720	1800	1900	2000	1872	1976	2080	1944	2048	2160

STAMFORD 3 Phase Ratings for STAMFORD HC7 Generators

Rating/Ambient	6 Pole																	
	50Hz (1000 rpm)									60Hz (1200 rpm)								
	Base 40°C			Peak 40°C			Peak 27°C			Base 40°C			Peak 40°C			Peak 27°C		
Application/Temp Rise	Continuous 125°C			Standby 150°C			Standby 163°C			Continuous 125°C			Standby 150°C			Standby 163°C		
Voltage	380	400	415	380	400	415	380	400	415	416	440	480	416	440	480	416	440	480
HCI 7E kVA	700	700	700	728	728	728	750	750	750	803	875	875	845	910	910	870	936	936
kW	560	560	560	582	582	582	600	600	600	642	700	700	676	728	728	696	749	749
HCI 7F kVA	920	920	920	957	957	957	984	984	984	1050	1150	1150	1092	1196	1196	1125	1231	1231
kW	736	736	736	766	766	766	787	787	787	840	920	920	874	957	957	900	985	985
HCI 7G kVA	1300	1300	1300	1352	1352	1352	1391	1391	1391	1500	1625	1625	1560	1690	1690	1605	1739	1739
kW	1040	1040	1040	1082	1082	1082	1113	1113	1113	1200	1300	1300	1248	1352	1352	1284	1391	1391

Due to our policy of continuous improvement, details in this leaflet which were correct at time of printing may now be due for amendment. Information included must therefore not be regarded as binding

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