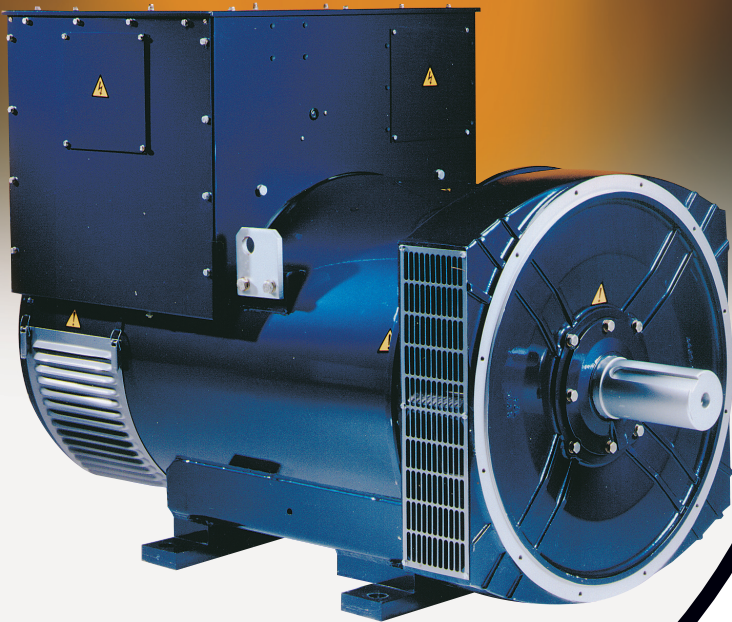


product profile

HC5 RANGE

Voltages
120V - 690V

Outputs
from 450 - 825 kVA



FEATURES:

- 12 wire reconnectable statot/terminal arrangement
- 2/3 pitch winding as standard, to 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
- IP23 as standard

OPTIONS & ACCESSORIES:

- Optional Permanent Magnet Generator (PMG) provides an isolated power supply to the excitation control system
- Temperature Indication RTD's
- Winding Protection Thermistors
- Air Condensation Heaters
- Air Filters
- Quadrature Droop kit for Parallel Operation
- SX440 AVR with 1% Regulation and 2 Phase Sensing
- SX421 AVR with 3 Phase Sensing and improved Regulation 0.5%
- MX341 (PMG) 1% Regulation with 2 Phase Sensing
- MX321 (PMG) with 3 Phase Sensing and improved regulation 0.5%

STAMFORD
power generation



product profile

HC5 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 HC5 Generators

Rating/Ambient	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 5C kVA	450	500	450	478	512	478	495	520	495	525	550	594	550	581	625	569	600	644
kW	360	400	360	382	410	382	396	416	396	420	440	475	440	465	500	455	480	515
HCI 5D kVA	500	550	500	515	575	515	530	590	530	575	594	644	588	625	675	606	644	694
kW	400	440	400	412	460	412	424	472	424	460	475	515	470	500	540	485	515	555
HCI 5E kVA	600	610	600	636	640	636	660	665	660	681	713	750	719	750	800	738	769	819
kW	480	488	480	509	512	509	528	532	528	545	570	600	575	600	640	590	615	655
HCI 5F kVA	670	670	670	710	710	710	738	738	738	738	775	825	781	819	875	806	844	906
kW	536	536	536	568	568	568	590	590	590	590	620	660	625	655	700	645	675	725

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

PM_HC5 PP GB_11.02_02_06

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