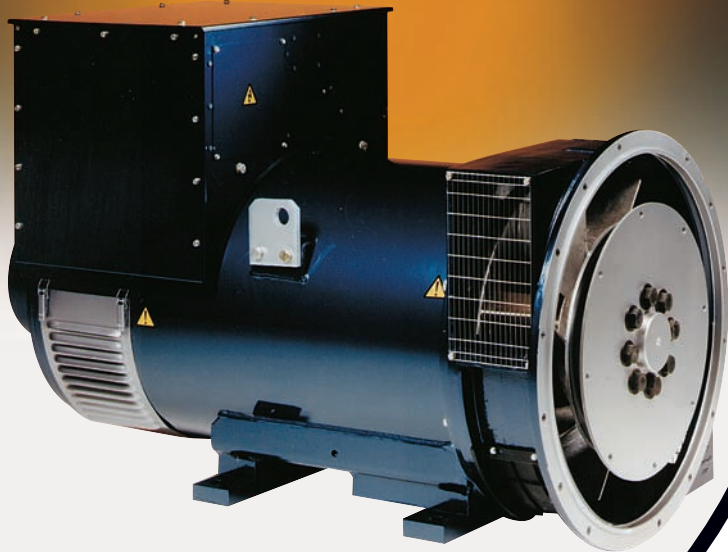


## product profile

# HCK5 RANGE

**Voltages**  
120V - 690V

**Outputs**  
from 450 - 843 kVA



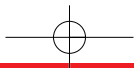
### FEATURES:

- Dedicated single bearing SAE 1/2/14, SAE 0/14, or SAE 0/18 arrangements
- Uni-directional fan
- 12 wire reconnectable stator/terminal arrangement
- Class 'H' insulation with severe environmental protection as standard
- 2/3 pitch windings avoid excessive neutral currents
- 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
- Anti Condensation Heaters
- Air Filters
- SX440 or SX421 AVR's for Parallel Operation
- Quadrature Droop kit for Parallel Operation
- SX440 AVR with 1% Regulation and 2 Phase Sensing (supplied loose)
- 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**

# HCK5 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 HCK5 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
HCK 5C kVA	450	500	450	485	520	485	500	530	500	539	570	594	567	600	625	585	618	644
kW	360	400	360	388	416	388	400	424	400	431	456	475	454	480	500	468	494	515
HCK 5D kVA	500	550	500	533	590	533	550	610	550	584	618	644	610	646	673	630	666	694
kW	400	440	400	426	472	426	440	488	440	467	494	515	488	517	538	504	533	555
HCK 5E kVA	600	610	600	640	645	640	660	665	660	681	720	750	726	768	800	750	792	825
kW	480	488	480	512	516	512	528	532	528	545	576	600	581	614	640	600	634	660
HCK 5F kVA	675	675	675	728	728	728	750	750	750	766	810	843	825	873	909	850	900	938
kW	540	540	540	582	582	582	600	600	600	613	648	674	660	698	727	680	720	750

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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