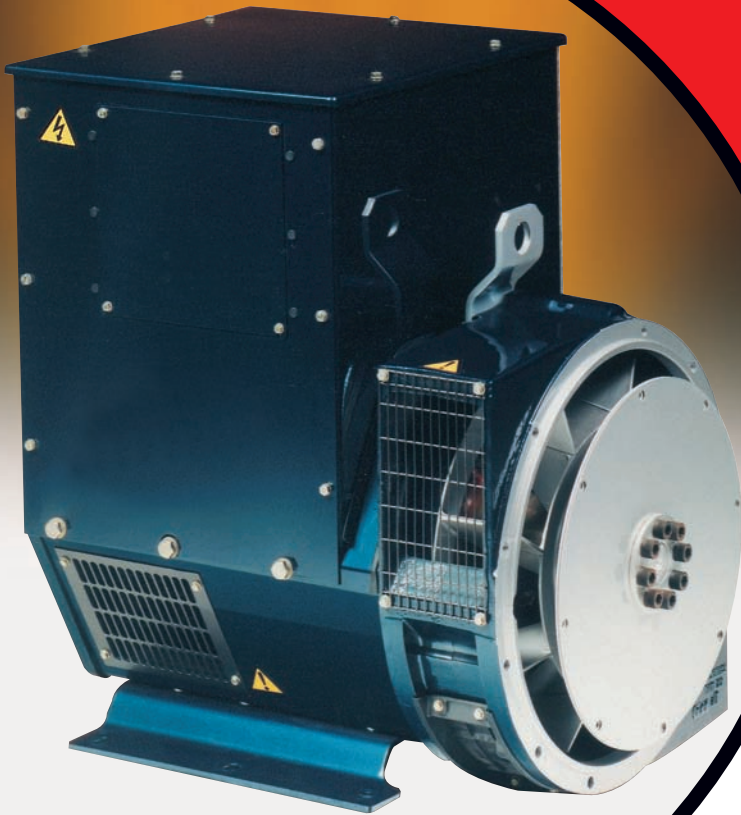


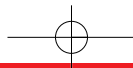
**product profile****UCD224 RANGE****Voltages**  
120V - 690V**Outputs**  
from 42.5 - 103.8 kVA**FEATURES:**

- Dedicated single bearing SAE 3/11.5 or SAE 3/10 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
- Winding Protection Thermistors
- Anti Condensation Heaters
- Air Filters
- Power Factor Controller
- Diode Failure Unit
- Excitation Loss Module
- Manual Voltage Regulator
- SX421 AVR with 3 Phase Sensing and improved Regulation 0.5%
- PMG for Sustained Short Circuit current with choice of Automatic Regulators
- MX341 (PMG) 1% Regulation with 2 Phase Sensing
- MX321 (PMG) with 3 Phase Sensing and improved Regulation 0.5%

**STAMFORD**  
power generation



## product profile

# UCD224 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 UCD224 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		
	Continuous 125°C			Standby 150°C			Standby 163°C			Continuous 125°C			Standby 150°C			Standby 163°C		
Application/Temp Rise																		
Voltage	380	400	415	380	400	415	380	400	415	416	440	480	416	440	480	416	440	480
UCDI 224C kVA	42.5	42.5	42.5	45	45	45	46.8	46.8	46.8	50	52.5	55	53.1	55	58.1	55	56.3	60
kW	34	34	34	36	36	36	37.4	37.4	37.4	40	42	44	42.5	44	46.5	44	45	48
UCDI 224D kVA	50	50	50	53	53	53	55	55	55	60	62.5	65	62.5	65	68.8	65	66.3	71.3
kW	40	40	40	42.4	42.4	42.4	44	44	44	48	50	52	50	52	55	52	53	57
UCDI 224E kVA	60	60	60	61	61	61	63	63	63	67.5	70	75	70	73.8	78.8	72.5	75	80
kW	48	48	48	48.8	48.8	48.8	50.4	50.4	50.4	54	56	60	56	59	63	58	60	64
UCDI 224F kVA	72.5	72.5	72.5	77	77	77	80	80	80	83.8	87.5	93.8	88.8	92.5	98.8	91.9	95	102.5
kW	58	58	58	61.6	61.6	61.6	64	64	64	67	70	75	71	74	79	73.5	76	82
UCDI 224G kVA	85	85	85	87.5	87.5	87.5	90.8	90.8	90.8	93.8	97.5	103.8	98.1	102.5	110	101.3	106.3	113.8
kW	68	68	68	70	70	70	72.6	72.6	72.6	75	78	83	78.5	82	88	81	85	91

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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