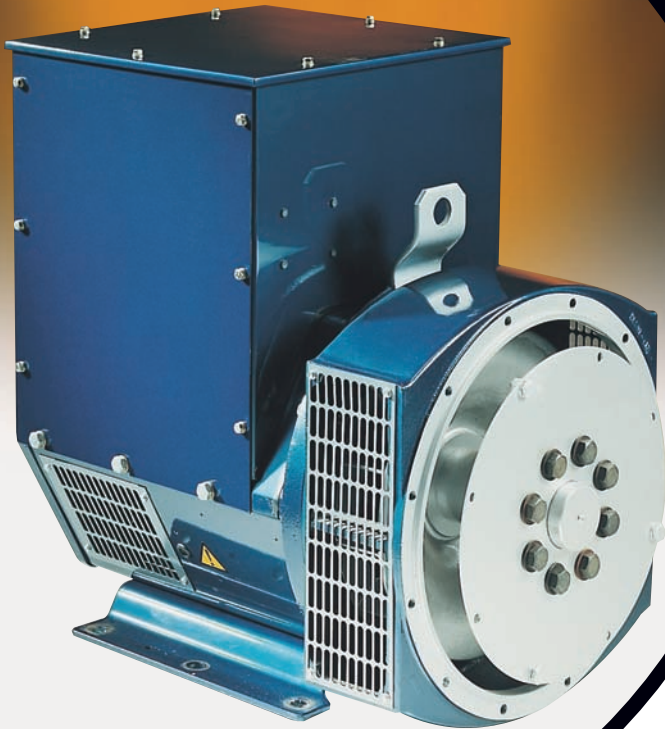


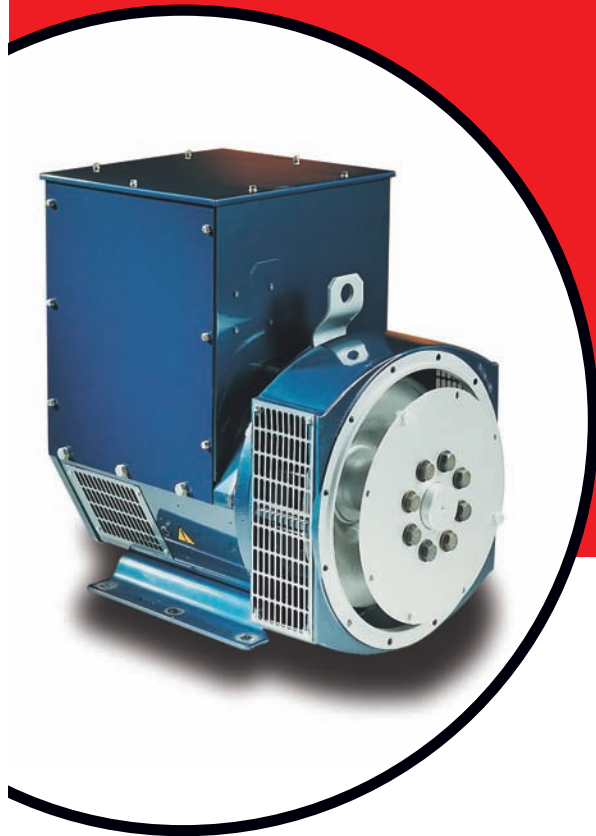
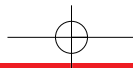
product profile**UC224 RANGE****Voltages**
120V - 690V**Outputs**
from 42.5 - 103.8 kVA**FEATURES:**

- 2/3 pitch windings avoid excessive neutral currents
- Class 'H' insulation with severe environmental protection as standard
- Single or two bearing construction with dynamically balanced rotor and sealed-for-life bearings
- Easy access for installation and maintenance
- 12 wire reconnectable stator/terminal arrangement
- Built to conform with all leading industrial and marine standards
- SX460 AVR as standard with 1.5% regulation and 2 Phase Sensing
- IP23 as standard

OPTIONS & ACCESSORIES:

- Optional Permanent Magnet Generator (PMG) provides an isolated power supply to the excitation control system
- Anti Condensation Heaters
- Air Filters
- Temperature Indication RTD's
- Winding Protection Thermistors
- 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

UC224 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 UC224 Generators

| Rating/Ambient Application/Temp Rise | 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 | | |
| Voltage | 380 | 400 | 415 | 380 | 400 | 415 | 380 | 400 | 415 | 416 | 440 | 480 | 416 | 440 | 480 | 416 | 440 | 480 |
| UCI 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 |
| UCI 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 |
| UCI 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 |
| UCI 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 |
| UCI 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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