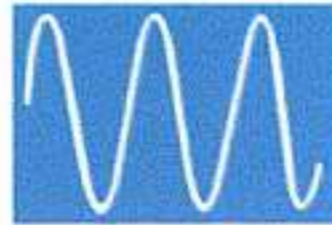


### MODEL:ST2500-XXX



### Features and Specifications

- Pure sine wave output (THD < 3%).
- Built in 10A rating transfer switch with plug-in socket that is easy to maintain.
- Speed up transfer time and synchronized operation with the AC source at all times that allows the transfer to be interruption-free for sensitive equipments.
- Capable of driving highly reactive & capacitive loads at start moment.
- Dual AC outlets or hardwire AC connection model option.
- ROF ( remote override function ) or ignition lockout function option.
- AC circuit breaker ( 30 Amp / 16Amp )
- SC / OV / UV / OT / OL protections.

| Specification                 | Model No.   |             |             |  |             |             |
|-------------------------------|---|-------------|-------------|--|-------------|-------------|
|                               | ST2500-112  | ST2500-124  | ST2500-148  | ST2500-212   | ST2500-224  | ST2500-248  |
| Item                          |   |             |             |  |             |             |
| Continuous Output Power       | 2500W   |             |             |  |             |             |
| Maximum Output Power (3Min.)  | 2875W   |             |             |  |             |             |
| Surge Rating                  | 5000W   |             |             |  |             |             |
| Input Voltage                 | 12V   | 24V         | 48V         | 12V  | 24V         | 48V         |
| Output Voltage                | 100 / 110 / 120V +/-3%  |             |             | 220 / 230 / 240V +/-3%   |             |             |
| Frequency (Switch Selectable) | 50 / 60Hz +/- 0.05%   |             |             |  |             |             |
| Output Waveform               | Pure Sine Wave (THD < 3%)   |             |             |  |             |             |
| Efficiency (full load)        | 88%   | 91%         | 92%         | 90%  | 93%         | 94%         |
| No Load Current Draw          | 2.35A   | 1.3A        | 0.7A        | 2.4A   | 1.5A        | 0.65A       |
| Stand-By Current Draw         | 0.5A  | 0.35A       | 0.19A       | 0.6A   | 0.35A       | 0.19A       |
| Input Voltage Regulation      | 10.5-15 VDC   | 21.0-30 VDC | 42.0-60 VDC | 10.5-15 VDC  | 21.0-30 VDC | 42.0-60 VDC |
| Input Level Indicator         | Red / Orange / Green LED  |             |             |  |             |             |
| Load Level Indicator          |   |             |             |  |             |             |
| Failure Indicator             |   |             |             |  |             |             |
| Protection                    | Overload, Short Circuit, Reverse Polarity (Fuse), Over Temperature Over/Under Input Voltage, AC Input Circuit Breaker |             |             |  |             |             |
| Circuit Breaker               | 30 Amp  |             |             | 16 Amp   |             |             |
| Remote Control Unit           | CR6 / CR7 / CR8 Optional  |             |             |  |             |             |
| Synchronous AC transfer       | YES   |             |             |  |             |             |
| Transfer switch               | 25 Amp  |             |             |  |             |             |
| Transfer Time                 | 4~8 msec  |             |             |  |             |             |
| Safety Certification          | Meet UL458  |             |             | Meet EN60950-1   |             |             |
| EMC                           | Meet FCC Class A  |             |             | Meet EN55022: 1997<br>Meet EN55024: 1997<br>Meet EN61000-3-2: 1998<br>Meet EN61000-3-3: 1995 |             | Meet e-Mark |
| Operating Temperature Range   | 0 - 40°C  |             |             |  |             |             |
| Storage Temperature Range     | -30°C to 70°C   |             |             |  |             |             |
| Cooling                       | Loading controlled cooling fan  |             |             |  |             |             |
| Dimensions                    | 463(L)x332(W)x115(H) mm / 18.2(L)x13(W)x4.53(H) Inch  |             |             |  |             |             |
| Weight                        | 12 kgs. / 26.4 Lbs.   |             |             |  |             |             |

★ Note: The specifications are subject to change without notice