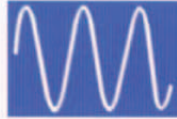


## MODEL:ST2500-XXX

### 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.					
Item	ST2500-112	ST2500-124	ST2500-148	ST2500-212	ST2500-224	ST2500-248
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 Meet EN55024: 1997 Meet EN61000-3-2: 1998 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