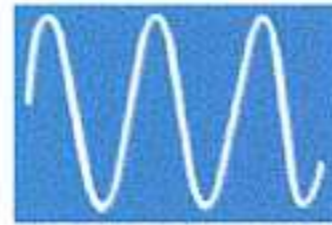


MODEL:ST1500-XXX

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 (16 Amp / 10Amp)
- SC / OV / UV / OT / OL protections.

Specification	Model No.					
	ST1500-112	ST1500-124	ST1500-148	ST1500-212	ST1500-224	ST1500-248
Item						
Continuous Output Power	1500W					
Maximum Output Power (3Min.)	1725W					
Surge Rating	3000W					
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	1.45A	0.75A	0.40A	1.40A	0.70A	0.40A
Stand-By Current Draw	0.28A	0.15A	0.09A	0.28A	0.15A	0.09A
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	16 Amp			10 Amp		
Remote Control Unit	CR6 / CR7 / CR8 Optional					
Synchronous AC transfer	YES					
Transfer switch	25 Amp			16 Amp		
Transfer Time	4~8 msec					
Safety	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	403(L)x236(W)x115(H) mm / 15.9(L)x9.29(W)x4.53(H) Inch					
Weight	7.0 kgs. / 15.4 Lbs.					

★ Note: The specifications are subject to change without notice