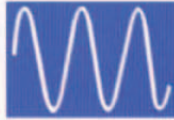


## MODEL:ST1000-XXX



### 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 )
- SC / OV / UV / OT / OL protections.



Specification	Model No.					
	ST1000-112	ST1000-124	ST1000-148	ST1000-212	ST1000-224	ST1000-248
Item						
Continuous Output Power	1000W					
Maximum Output Power (3Min.)	1150W					
Surge Rating	2000W					
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	1.43A	0.75A	0.38A	1.25A	0.65A	0.35A
Stand-By Current Draw	0.25A	0.15A	0.09A	0.25A	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	12 Amp			6 Amp		
Remote Control Unit	CR6 / CR7 / CR8 Optional					
Synchronous AC transfer	YES					
Transfer switch	16 Amp					
Transfer Time	4~8 msec.					
Safety	Meet UL458			Meet EN60950-1		
EMC	FCC Class A			EN55022: 1997 EN55024: 1997 EN61000-3-2: 1998 EN61000-3-3: 1995		e-Mark e-13-022192
Operating Temperature Range	0 - 40°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading controlled cooling fan					
Dimensions	373(L)x236(W)x115(H) mm / 14.7(L)x9.29(W)x4.53(H) Inch					
Weight	6.2 kgs. / 13.6 Lbs.					

★ Note: The specifications are subject to change without notice