

Features:

- Pure Sine Wave output (THD < 3%)
- Power ON / OFF remote control
- Input & output fully isolation
- Built-in transfer switch & synchronized operation with utility AC source
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- CE / FCC approved



MODEL		ST600-112	ST600-124	ST600-148	ST600-212	ST600-224	ST600-248
Output	AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
	Rated Power	600W					
	Surge Power	800W					
	Waveform	Pure Sine Wave (THD < 3%)					
	Frequency	50 / 60Hz ±0.5%					
	AC Regulation	±5%			±3%		
	Power Factor Allowed	COSθ-90° ~ COSθ+90°					
	Standard Receptacles	Hardwire / GFCI			Schuko / Australia / UK / Hardwire		
LED Indicator	Input voltage level, output load level and faulty status						
Input	No Load Current Draw	0.87A	0.43A	0.23A	0.83A	0.43A	0.22A
	DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	Voltage Range	10.5 ~ 15VDC	21.0 ~ 30VDC	42.0 ~ 60VDC	10.5 ~ 15VDC	21.0 ~ 30VDC	42.0 ~ 60VDC
	Efficiency (Typ.)	87%	90%	92%	90%	93%	94%
	Fuse	35Ax2	15Ax2	10Ax2	35Ax2	15Ax2	10Ax2
	Circuit Breaker	7Amp			3Amp		
	Synchronous AC Transfer	Yes					
	Transfer Switch	12Amp					
Transfer Time	Inverter to AC utility 4 ~ 8msec, AC utility to Inverter 16~50msec						
Remote Control	CR8 (optional)						
Protection	BAT. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
	BAT. Low Shutdown	10.5VDC	21.0VDC	42.0VDC	10.5VDC	21.0VDC	42.0VDC
	Over Load	Shut down output voltage, restart to recover					
	Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
	Over Temperature	Shut down output voltage, recover automatically after temperature goes down					
	Output Short	Shut down output voltage, restart to recover					
DC Input Reverse Polarity	By fuse						
Environment	Working Temp.	0 ~ +40°C					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp. & Humidity	-30 ~ +70°C, 10 ~ 95% RH					
Safety & EMC	Safety Standards	----			Certified EN 60950-1		
	Isolation Resistance	I/P - O/P: 100M Ohms / 500VDC					
	EMI Conduction & Radiation	Certified FCC class B			Certified EN 55022; EN 61000-3-2, -3-3		
	EMS Immunity	----			Certified EN 55024; EN 61204-3; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
Others	Dimension (WxHxD)	179.0x80.8x290.0 mm / 7.047x3.181x11.417 inch					
	Packing	3.7kg; 4pcs / 15.8kg / 1.98CUFT					
	Cooling	Load control fan					
	Application	Home and Office appliances, Portable Power Equipment, Vehicle, Yacht and Solar power systems ...etc.					