

### Features:

- Pure Sine Wave output (THD < 3%)
- RS-232 interface / Remote control port
- Input & output fully isolation
- Thermal control fan
- Output voltage & frequency selectable by DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- Built in LED indicator for battery voltage & power status
- Power saving mode to save energy
- UL / CE / FCC approved



MODEL		S1500-112	S1500-124	S1500-148	S1500-212	S1500-224	S1500-248
Output	AC Voltage	100 / 110 / 120VAC ±5% selectable by DIP switch			220 / 230 / 240VAC ±3% selectable by DIP switch		
	Rated Power	1500W					
	Surge Power	2000W					
	Waveform	Pure Sine Wave (THD < 3%)					
	Frequency	50 / 60Hz ±0.5%					
	Voltage Regulation	100 / 110 / 120 V RMS -10% / +4%			220 / 230 / 240 V RMS -10% / +4%		
	Peak Current	25A			11A		
	Power Factor Allowed	COS -90° ~ COS?+90°					
	Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
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	10.0 ~ 16.0VDC	20.0 ~ 32.0VDC	40.0 ~ 62VDC	10.0 ~ 16.0VDC	20.0 ~ 32.0VDC	40.0 ~ 62VDC
	Efficiency (Typ.)	87%	90%	92%	90%	93%	94%
	Fuse	35Ax2	20Ax2	10Ax2	35Ax2	20Ax2	10Ax2
	Remote Control	CR5 optional					
Protection	BAT. Low Alarm	10.2VDC	20.4VDC	41.6VDC	10.2VDC	20.4VDC	41.6VDC
	BAT. Low Shutdown	9.5VDC	19.3VDC	38.6VDC	9.5VDC	19.3VDC	38.6VDC
	Over Load	Shut down output voltage, restart to recover					
	Over Voltage	17.1VDC	34.1VDC	63.0VDC	17.1VDC	34.1VDC	63.0VDC
	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 UL 458 (UL only for GFCI receptacles)		----	Certified EN 60950-1		
	Isolation Resistance	I/P - O/P: 100M Ohms / 500VDC					
	EMI Conduction & Radiation	Certified FCC class B			Certified EN 55022 Class B; EN 61000-3-2, -3-3, -6-3		
	EMS Immunity	----			Certified EN 61204-3; EN 55024; EN 61000-6-1; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
Others	Dimension (W x H x D)	274x101x379 mm / 10.79x3.98x14.92 inch					
	Packing	8.16kg; 2pcs / 17.3kg / 2.55CUFT					
	Cooling	Load control fan					
	Application	Home and Office appliances, Portable Power Equipment, Vehicle, Yacht and Off-Grid Solar power systems ...etc.					



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