

### Features:

- Pure Sine Wave output (THD < 3%)
- Power ON / OFF remote control (only for S600R model)
- Input & output fully isolation
- Load control fan
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- UL / CE / FCC approved



MODEL		S600-112	S600-124	S600-148	S600-212	S600-224	S600-248
Output	AC Voltage	100 / 110 / 120VAC ±5%			220 / 230 / 240VAC ±3%		
	Rated Power	600W					
	Max. Power ( 3Min. )	680W					
	Surge Power	800W					
	Waveform	Pure Sine Wave (THD < 3%)					
	Frequency	50 / 60 Hz ±0.5%					
	Voltage Regulation	100 / 110 / 120 V RMS -10% / +4%			220 / 230 / 240 V RMS -10% / +4%		
	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	10.5 ~ 15.0VDC	21.0 ~ 30.0VDC	42.0 ~ 60VDC	10.5 ~ 15.0VDC	21.0 ~ 30.0VDC	42.0 ~ 60VDC
	Efficiency (Typ.)	87%	90%	92%	90%	93%	94%
	Fuse	35Ax2	20Ax2	10Ax2	35Ax2	20Ax2	10Ax2
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 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; EN 61204-3		
	EMS Immunity	----			Certified EN 61204-3; EN 55024; EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
Others	Dimension (W x H x D)	179x72x273 mm / 7.05x2.83x10.75 inch					
	Packing	3.38kg; 6pcs / 21.3kg / 2.46CUFT					
	Cooling	Load control fan					
	Application	Home and Office appliances, Portable Power Equipment, Vehicle, Yacht and off-Grid Solar power systems ...etc.					