

### FEATURES

- True sine wave output (THD 6% Typ.)
- Power ON-OFF remote control
- Input & output fully isolation
- Thermo control cooling fan
- Advanced microprocessor
- Input polarity reverse / under voltage / over voltage protections
- Output short circuit / overload / over temperature protections
- Capable of driving highly reactive and capacitive loads
- Tri-color indicators display input, output level & failure status
- UL / e-13 / CE / FCC approved



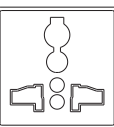
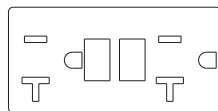
	MODEL No.	S300-112	S300-124	S300-212	S300-224
OUTPUT	AC VOLTAGE	100 / 110 / 120 VAC		220 / 230 / 240 VAC	
	RATED POWER	300W			
	SURGE POWER	400W			
	WAVEFORM	True sine wave (THD < 6%)			
	FREQUENCY	50 / 60 Hz			
	AC REGULATION	± 5%			
	POWER FACTOR ALLOWED	COSθ-90° ~ COSθ+90°			
	STANDARD RECEPTACLES	NEMA5-15R / GFCI		Schuko / UK / Australia / universal	
	LED INDICATOR	Input voltage level, output load level and fault status			
	INPUT	NO LOAD CURRENT DRAW	0.24A	0.28A	0.26A
DC VOLTAGE		12VDC	24VDC	12VDC	24VDC
VOLTAGE RANGE		10.5~15.0VDC	21.0~30.0VDC	10.5~15.0VDC	21.0~30.0VDC
EFFICIENCY (Typ.)		89.0%			
FUSE		40A x 1	25A x 1	40A x 1	25A x 1
PROTECTION	REMOTE CONTROL	By external switch			
	BAT. LOW SHUTDOWN	10 ± 0.5V	20 ± 1.0V	10 ± 0.5V	20 ± 1.0V
	OVER LOAD	Shut off output voltage, re-power on to recover			
	OVER VOLTAGE	15 ~ 16VDC	30 ~ 32VDC	15 ~ 16VDC	30 ~ 32VDC
	OVER TEMPERATURE	Shut off output voltage, recovers automatically after temperature goes down			
	OUTPUT SHORT	Shut off output voltage, re-power on to recover			
ENVIRONMENT	BAT. POLARITY REVERSE	By fuse open			
	WORKING TEMP.	0 ~ +40°C			
	WORKING HUMIDITY	20% ~ 90% RH non-condensing			
	STORAGE TEMP. & HUMIDITY	-30°C ~ +70°C / -22°F ~ +158°F / 10 ~ 95%			
SAFETY & EMC	SAFETY STANDARDS	UL458 (only for "GFCI" receptacles)		-----	
	ISOLATION RESISTANCE	I/P ~ O/P: 100M Ohms / 500VDC			
	EMI CONDUCTION & RADIATION	Compliance to FCC class B		Compliance to En55022 class B	
	EMS IMMUNITY	-----		Compliance to EN61000-3 -2, 3	
	LVD	-----		Compliance to EN60950-1	
	e-MARK	-----		Compliance to e-13 * 72/245/EEC, 95/54/EC	
OTHERS	DIMENSION	237 x 155 x 72mm (L x W x H)			
	PACKING	3.5kgs; 4sets / 17kgs / CARTON			
	COOLING	Thermostatically controlled cooling fan			
	APPLICATION	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems...etc.			



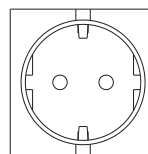
NEMA 5-15R



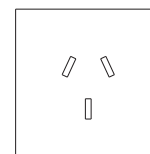
North America (GFCI)



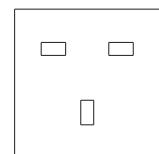
Universal



Schuko



Australia  
New Zealand



United Kingdom