

600W Pure Sine Wave Inverters

FEATURES

- True sine wave output (THD < 3%)
- Power ON-OFF remote control (optional)
- Input & output fully isolation
- Load control cooling fan
- Advanced microprocessor
- Input polarity reverse / under voltage / over voltage protections
- Output short circuit / overload / over temperature protections
- Tri-color indicators display input, output level & failure status
- UL / e-13 / CE / FCC approved



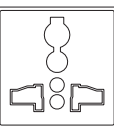
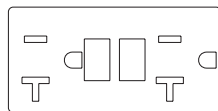
	MODEL No.	RS600-112	RS600-124	RS600-148	RS600-212	RS600-224	RS600-248
	AC VOLTAGE	100 / 110 / 120 VAC			220 / 230 / 240 VAC		
OUTPUT	RATED POWER	600W					
	SURGE POWER	800W					
	WAVEFORM	True sine wave (THD < 3%)					
	FREQUENCY	50 / 60 Hz selectable by DIP switch					
	AC REGULATION	± 3%					
	POWER 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	0.87A	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.)	87.0%	90.0%	92.0%	90.0%	93.0%	94.0%
	FUSE	35A x 2	20A x 2	10A x 2	35A x 2	20A x 2	10A x 2
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 off output voltage, re-power on to recover					
	OVER VOLTAGE	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
	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 A			Compliance to En55022 classA		
	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	295 x 180 x 72mm (L x W x H)					
	PACKING	2.7kgs; 6sets / 22kgs / CARTON					
	COOLING	Loading controlled cooling fan					
	APPLICATION	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems ...etc.					



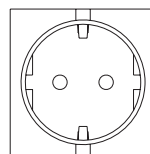
NEMA 5-15R



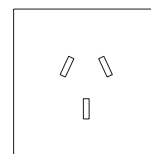
North America (GFCI)



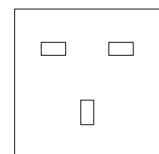
Universal



Schuko



Australia
New Zealand



United Kingdom