

FEATURES

- True sine wave output (THD < 3%)
- RS-232 interface / Remote control port
- Input & output fully isolation
- Thermostatically control cooling fan
- Advanced microprocessor
- Output voltage & frequency switch selectable
- Input polarity reverse / under voltage / over voltage protections
- Output short circuit / overload / over temperature protections
- Built-in Voltage & Wattage meters & LED for power status
- UL / e-13 / CE / FCC approved



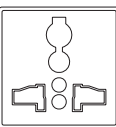
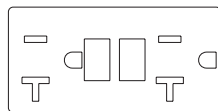
| | MODEL No. | S1500-112 | S1500-124 | S1500-148 | S1500-212 | S1500-224 | S1500-248 |
|-------------------|----------------------------|---|--------------|------------|--|--------------|------------|
| OUTPUT | AC VOLTAGE | 100 / 110 / 120 VAC selectable by DIP switch | | | 220 / 230 / 240 VAC selectable by DIP switch | | |
| | RATED POWER | 1500W | | | | | |
| | SURGE POWER | 2000W | | | | | |
| | 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 | OVP, UVP, OTP, OLPnput voltage level, output load level and fault status | | | | | |
| | INPUT | NO LOAD CURRENT DRAW | 0.87A | 0.43A | 0.23A | 0.83A | 0.43A |
| 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 |
| REMOTE CONTROL | | CR5 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 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 classA | | | Compliance to En55022 class A | | |
| | 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 | 390 x 275 x 105mm (L x W x H) | | | | | |
| | PACKING | 7.0kgs; 2sets / 18kgs / CARTON | | | | | |
| | COOLING | Thermostatically controlled cooling fan | | | | | |
| | APPLICATION | Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems ...etc. | | | | | |



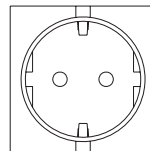
NEMA 5-15R



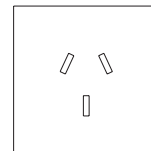
North America (GFCI)



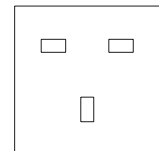
Universal



Schuko



Australia
New Zealand



United Kingdom

