

### Features:

- Low frequency transformer design is capable of driving high reactive and capacitive loads
- DC input socket availability is suitable for different user scenarios
- Power ON / OFF remote control
- Input & output fully isolation
- Thermal control fan
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E13 / UL / CE / FCC approved



| MODEL         |                            | S150-112  | S150-124       | S150-212  | S150-224       |
|---------------|----------------------------|---|----------------|---|----------------|
| Output        | AC Voltage                 | 100 / 110 / 120VAC  |                | 220 / 230 / 240VAC  |                |
|               | Rated Power                | 150W  |                |   |                |
|               | Surge Power                | 200W  |                |   |                |
|               | Waveform                   | Pure Sine Wave (THD < 6%)   |                |   |                |
|               | Frequency                  | 50 / 60Hz ±0.5%   |                |   |                |
|               | AC Regulation              | ±5%   |                | ±3%   |                |
|               | 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       | 0.20A   | 0.16A          | 0.22A   | 0.16A          |
|               | 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.)          | 87%   | 88%            | 87%   | 88%            |
|               | Fuse                       | 25Ax1   | 15Ax1          | 25Ax1   | 15Ax1          |
|               | Remote Control             | By external switch  |                |   |                |
| Protection    | BAT. Low Shutdown          | 10VDC   | 20VDC          | 10VDC   | 20VDC          |
|               | Over Load                  | Shut down output voltage, restart to recover  |                |   |                |
|               | Over Voltage               | 15 ~ 16VDC  | 30 ~ 32VDC     | 15 ~ 16VDC  | 30 ~ 32VDC     |
|               | 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 (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 55024; EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11 |                |
|               | E-MARK                     | ----  |                | Certified CISPR 25; ISO 7637-2  |                |
| Others        | Dimension (W x H x D)      | 132x73x188 mm / 5.20x2.87x7.40 inch   |                |   |                |
|               | Packing                    | 2.84kg; 6pcs / 18kg / 1.45CUFT  |                |   |                |
|               | Cooling                    | Thermal control Fan   |                |   |                |
|               | Application                | Home and Office appliances, Portable Power Equipment, Vehicle, Yacht and off - Grid Solar power systems ...etc. |                |   |                |