

### 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



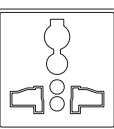
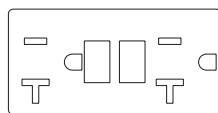
|                   | MODEL No.                  | S300-112                                                                                                       | S300-124     | S300-212                                  | S300-212     |
|-------------------|----------------------------|----------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------|--------------|
| 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%                                                                                                          | 89.0%        | 89.0%                                     | 89.0%        |
| FUSE              |                            | 40A x 1                                                                                                        | 25A x 1      | 40A x 1                                   | 25A x 1      |
| REMOTE CONTROL    |                            | By external switch                                                                                             |              |                                           |              |
| PROTECTION        | 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                                                                |              |                                           |              |
|                   | BAT. POLARITY REVERSE      | By fuse open                                                                                                   |              |                                           |              |
| ENVIRONMENT       | 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. |              |                                           |              |



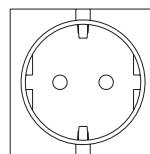
NEMA 5-15R



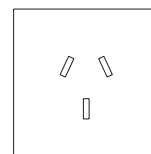
North America (GFCI)



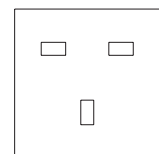
Universal



Schuko



Australia  
New Zealand



United Kingdom