



■ Features :

- 12V or 24V DC input
- Power ON-OFF switch
- Input voltage range: -15% ~ +25%
- Output voltage regulation: ±10%
- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/Over temp./Output shout/Input polarity reverse/Over load.
- Output waveform: Modified sine wave
- Cooling fan ON-OFF control
- ON/OFF remote control(Optional)
- Approvals: e13/ CE
- 1 year warranty



SPECIFICATION

| ORDER NO. | A301-1K0-B2 | A301-1K0-F3 | A302-1K0-B2 | A302-1K0-F3 | |
|---------------|---|---|-------------|------------------------|-------------|
| OUTPUT | SAFETY MODEL NO. A-1000W | | | | |
| | AC VOLTAGE | 110V | 230V | 110V | 230V |
| | RATED POWER | 1000W | | | |
| | PEAK POWER | 1200W<30min. | | | |
| | SURGE POWER | 2400W | | | |
| | WAVEFORM | Modified Sine Wave | | | |
| | FREQUENCY | 60Hz±1% | 50Hz±1% | 60Hz±1% | 50Hz±1% |
| | AC REGULATION | ±10% | | ±10% | |
| | STANDARD RECEPTACLES | TYPE-2* 3ea | TYPE-3* 2ea | TYPE-2* 3ea | TYPE-3* 2ea |
| LED INDICATOR | Green LED for power on; Yellow LED for O.T.P.; Red LED for power failure status | | | | |
| INPUT | DC CURRENT | 110A | | 55A | |
| | NO LOAD CURRENT DRAW | 0.4A | | 0.2A | |
| | DC VOLTAGE | 12V | | 24V | |
| | VOLTAGE RANGE | 10 ~ 15VDC | | 21 ~ 30VDC | |
| | EFFICIENCY (Typ.) | 82% | | 85% | |
| | DC CONNECTOR | 1000mm R type terminal | | 1000mm R type terminal | |
| | FUSE | 30A*5 | | 20A*5 | |
| PROTECTION | BAT. LOW ALARM | 10±0.5V | | 21±0.8V | |
| | BAT. LOW SHUTDOWN | 9.5±0.5V | | 20±0.8V | |
| | OVER LOAD | >1200W shut down o/p voltage, re-power to recover | | | |
| | OVER VOLTAGE | 15 ~ 16V | | 29 ~ 31V | |
| | OVER TEMPERATURE | 60±5°C / 140±9°F | | | |
| | OUTPUT SHORT | Shut-off | | | |
| | BAT. POLARITY | By fuse open | | | |
| ENVIRONMENT | WORKING TEMP. | 0 ~ 30°C @ 100% load, 40°C @ 70% load | | | |
| | WORKING HUMIDITY | 20% ~ 90% RH non-condensing | | | |
| | STORAGE TEMP., HUMIDITY | -30~+70°C / -22~+158°F, 10~95% RH | | | |
| | TEMP. COEFFICIENT | ±0.05% / °C (0~50°C) | | | |
| SAFETY & EMC | ISOLATION RESISTANCE | I/P-O/P:100M Ohms / 500VDC | | | |
| | EMI CONDUCTION & RADIATION | Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE | | | |
| | EMS IMMUNITY | Compliance to EN61000-4-2,3 | | | |
| OTHERS | LVD | Compliance to EN60950 | | | |
| | MTBF | 98Khrs min. MIL-HDBK-217F (25°C) | | | |
| | DIMENSION | 310*210*85mm (L*W*H) | | | |
| | PACKING | 3.3kg ; 4pcs / 17.5kg / CARTON | | | |
| | COOLING | >40°C (NTC) fan on | | | |
| APPLICATIONS | Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc. | | | | |

■ AC Output Receptacles (optional)

| | | | | | |
|--------|--------|--------|-----------|-----------|--------|
| | | | | | |
| TYPE-1 | TYPE-2 | TYPE-3 | TYPE-4 | TYPE-5 | TYPE-6 |
| USA | USA | EUROPE | UNIVERSAL | AUSTRALIA | U.K |

Mechanical Specification

Unit:mm

