



■ 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 short/Input polarity reverse/Over load.
- Output waveform: Modified sine wave
- Cooling fan ON-OFF control
- ON/OFF remote control(Optional)
- Approvals: e13/ CE



SPECIFICATION

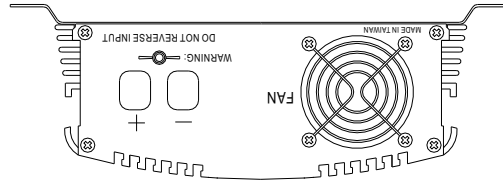
| ORDER NO. | A301-1K7-B2 | A301-1K7-F3 | A302-1K7-B2 | A302-1K7-F3 | |
|---------------|--|-----------------------|--|------------------------|-------------|
| OUTPUT | SAFETY MODEL NO. A-1700W | | | | |
| | AC VOLTAGE | 110V | 230V | 110V | 230V |
| | RATED POWER | 1500W | | | |
| | PEAK POWER | 1700W 30min. | | | |
| | SURGE POWER | 3000W | | | |
| | 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; Red LED for power failure status | | | | |
| INPUT | DC CURRENT | | 170A | 85A | |
| | NO LOAD CURRENT DRAW | | 0.6A | 0.36A | |
| | 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*10 | 20A*10 | |
| PROTECTION | BAT. LOW ALARM | | 10±0.5V | 21±0.8V | |
| | BAT. LOW SHUTDOWN | | 9.5±0.5V | 20±0.8V | |
| | OVER LOAD | | >1700W shut down o/p voltage, re-power on 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 / 25°C / 70% RH | | |
| | EMI CONDUCTION & RADIATION | | Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE | | |
| | EMS IMMUNITY | | Compliance to EN61000-4-2,3 | | |
| LVD | | Compliance to EN60950 | | | |
| OTHERS | MTBF | | 86852Khrs min. MIL-HDBK-217F (25°C) | | |
| | DIMENSION | | 455*210*85mm (L*W*H) | | |
| | PACKING | | 5.5kg; 3pcs / 19.6kg / 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 |
| JAPAN | USA | EUROPE | UNIVERSAL | AUSTRALIA | U.K |

■ Mechanical Specification

Unit:mm



DC CABLE
LENGTH:1000mm

