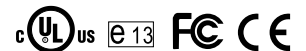




■ Features :

- True sine wave output (THD<5%)
- Power ON-OFF switch
- Power ON-OFF remote control
- Input voltage range: -15% ~ +25%
- Output voltage regulation:±5%
- Thermo control cooling fan
- Two-color indicators display power and fault status
- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/ Over temp./Output short/Input polarity reverse/Over load.
- Topology: Microprocessor
- Approvals: UL / e13 / FCC / CE
- 2 years warranty



SPECIFICATION

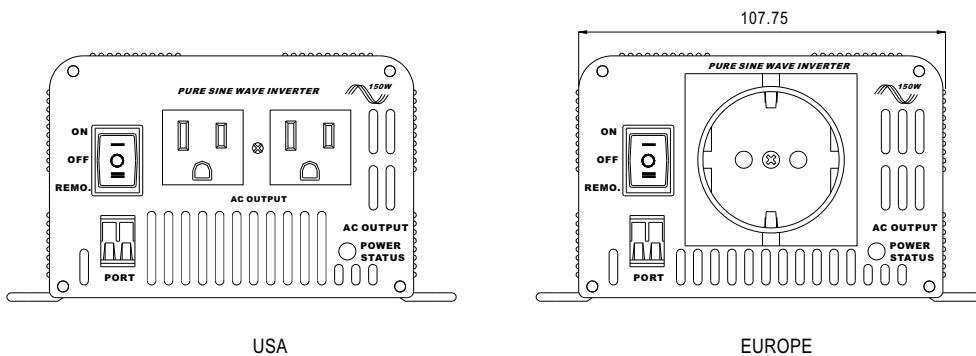
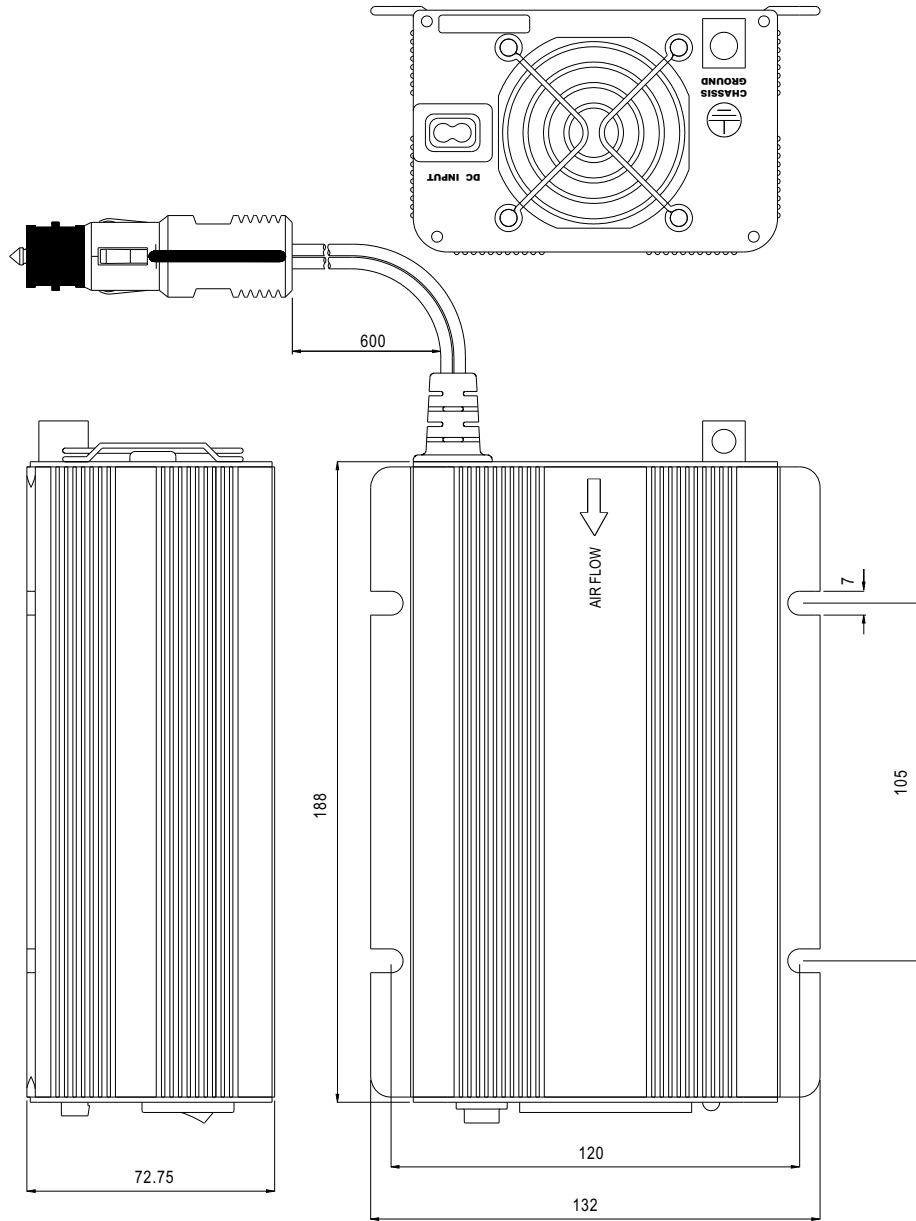
| ORDER NO. | S150-112B2 | S150-124B2 | S150-212F3 | S150-224F3 | |
|---------------|--------------------------|---|--------------|---|--------------|
| OUTPUT | SAFETY MODEL NO. | S150-112 | S150-124 | S150-212 | S150-224 |
| | AC VOLTAGE | 110V | | 230V | |
| | RATED POWER | 150W | | | |
| | SURGE POWER | 200W | | | |
| | WAVEFORM (TYPICAL) | True sine wave (THD<6%) | | | |
| | FREQUENCY | 60Hz±0.3% | | 50Hz±0.3% | |
| | AC REGULATION | ±5% | | ±5% | |
| | STANDARD RECEPTACLES | TYPE-2* 2ea | | TYPE-3* 1ea | |
| LED INDICATOR | Power and fault status | | | | |
| INPUT | DC CURRENT | 20A | 10A | 20A | 10A |
| | NO LOAD CURRENT DRAW | 0.20A | 0.16A | 0.22A | 0.16A |
| | DC VOLTAGE | 12V | 24V | 12V | 24V |
| | VOLTAGE RANGE | 10.5 ~ 15VDC | 21.0 ~ 30VDC | 10.5 ~ 15VDC | 21.0 ~ 30VDC |
| | EFFICIENCY (Min.) | 72% | 79% | 72% | 80% |
| | DC CONNECTOR | 600mm Cigarette plug*1 | | | |
| | FUSE | 25A* 1 | 15A*1 | 25A*1 | 15A*1 |
| PROTECTION | BAT. LOW SHUTDOWN | 10±0.5V | 20±1V | 10±0.5V | 20±1V |
| | OVERLOAD | >200W, shut down o/p voltage, re-power on to recover | | | |
| | OVER VOLTAGE | 15 ~ 16V | 30 ~ 32V | 15 ~ 16V | 30 ~ 32V |
| | OVER TEMPERATURE | Yes, Shut down o/p voltage, recovers automatically after temperature goes down | | | |
| | OUTPUT SHORT | Shut-off o/p voltage, re-power on to recover | | | |
| | BAT. POLARITY | By fuse open | | | |
| ENVIRONMENT | WORKING TEMP. | 0 ~ 40°C | | | |
| | 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 | SAFETY STANDARDS | UL458(Only for "GFCI" receptacles) | | ----- | |
| | ISOLATION RESISTANCE | I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH | | | |
| | EMI CONDUCTION&RADIATION | Compliance to FCC class B | | Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE | |
| | EMS IMMUNITY | ----- | | Compliance to EN61000-4-2,3, ENV50204 | |
| | LVD | ----- | | Compliance to EN60950 | |
| OTHERS | DIMENSION | 200*132*72mm (L*W*H) | | | |
| | PACKING | 2.7kg ; 6pcs / 19kg / CARTON | | | |
| | COOLING | >40°C (NT1) FAN ON | | | |
| | APPLICATIONS | Home appliance, Power tools, Office and Portable equipment, Vehicle and Yacht ...etc. | | | |

■ AC Output Receptacles (optional)

| | | | | | |
|--------|--------|-----------|-----------|--------|--------|
| | | | | | |
| TYPE-2 | TYPE-3 | TYPE-4 | TYPE-5 | TYPE-6 | TYPE-7 |
| USA | EUROPE | UNIVERSAL | AUSTRALIA | U.K | GFCI |

■ Mechanical Specification

Unit:mm



Mouser Electronics

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