



Features

- **I/P voltage:** 12V DC or 24V DC.
- **O/P voltage:** 220/230/240V AC.
- **OUTPUT frequency:** 50/60Hz±3.
- **I/P protections:** Bat .Low alarm; Bat. Low shutdown; Over voltage; Polarity reverse.
- **O/P protections:** Over load; Short circuit; Earth fault; Over temperature; Soft start.
- **OUTPUT waveform:** Modified Sine Wave.
- **Design:** High frequency.
- **Topology:** Microprocessor.
- **No load current draw:** Low power consumption (standby).
- **In front panel:** With power ON/OFF switch and LED indicator.
- **Included in packing:** Both battery cord and cigarette plug.
- **Cooling fan:** Load controlled or temperature controlled (optional).



Applications, just for reference



Specification

| Model | | PDA300-LC12 | PDA300-LC24 |
|--------------|--|---|--|
| Output | AC Voltage | 230V | 230V |
| | AC Voltage Range | 220-240V AC | 220-240V AC |
| | AC Regulation | ±10%0 ~ 13.3A | |
| | Rated Power | 300W | |
| | Peak Power | 600W (few seconds) | |
| | Waveform | Modified Sine Wave | |
| | Frequency | 50/60Hz ±3 | |
| | USB Port | 5V 2.1A (optional) | |
| | LED Indicator | Green for power on / Red for power failure / protection status | |
| | Cooling fan | Control by load | |
| Input | DC Current | 30A | 15A |
| | No Load Current Draw | 0.3A | 0.3A |
| | DC Voltage | 12V | 24V |
| | Voltage Range | 10~15V DC | 20~30V DC |
| | DC Connector | BVR4 battery clip*1ea, 600mm cigarette plug* 1ea | BVR2.5 battery clip*1ea, 600mm cigarette plug* 1ea |
| | Efficiency | ≥90% | |
| Protection | Low Voltage Alarm | 10.5±0.5V DC | 21±1V DC |
| | Low Voltage Shutdown | 10±0.5V DC | 20±1V DC |
| | Reset Voltage after L. V. S | 11.5V~12V DC | 23~24V DC |
| | Overload | Shut off o/p, re-power to recover | |
| | Over Voltage | 15~16V DC | 30~32V DC |
| | Over Temperature | 45±5°C/113±9 | |
| | OUTPUT Short-circuit | Shut off o/p, when OUTPUT is short circuit | |
| | Reverse Polarity | By fuse open | |
| | Replaceable Fuse | 40A*1 | 20A*1 |
| | Soft Start | Yes, 3~5's | |
| Earth Fault | Shut off o/p when the load has electric leakage | | |
| Environment | Working temperature | 0~30°C@ 100% load; 40°C@50% load | |
| | Working humidity | 20%~90% RH non-condensing | |
| | Storage temp, humidity | -30~+70°C/-22~+158°C, 10~95%RH | |
| | Temp. coefficient | ±0.05%(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 | |
| | E-mark | E8 10R-02 0633 | |
| Others | MTBF | 200khrs min. MIL - HDBK - 217(2°C) | |
| | N.W/unit | 650g | |
| | Dimension (cm) | 18.5*10.8*6.2 (L*W*H) | |
| | Packing | Blister card / gift box, 20 units / 12.6Kg / Ctn (55*29.5*47.5cm) | |
| | OUTPUT Receptacle | A, B, C, D, E, F, G, H, I (optional) | |
| Applications | Mobile phone, MP5, Iphone, Ipad, Computer, Laptop etc. | | |

Note: Specification prior to change without notice

