

Line Interactive UPS

Jade Series



1100 - 3000VA



Features

- **Pure Sinewave output**
- **Built-in RS-232 & HID compliant USB communication port**
- **Programmable power management outlets**
- **Smart microprocessor control guarantees high reliability**
- **Automatic buck and boost AVR for voltage stabilization / regulation**
- **Full-bridge inverter architecture can support half wave rectified equipment**
- **Built in EMI/RFI noise filter circuit**
- **Emergency Power Off Function (EPO)**
- **3-stage smart battery charging control**
- **Very high efficiency in battery mode**
- **Multiple communications available**
- **ECO (Efficiency Corrective Optimizer) operation for energy saving**

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SPECIFICATIONS:

| MODEL | | Jade 1100 | Jade 1500 | Jade 2000 | Jade 3000 |
|--|---------------------------------|---|--------------|-----------------|--|
| CAPACITY | V/A/W | 1100VA/770W | 1500VA/1050W | 2000VA/1400W | 3000VA/2100W |
| INPUT | Nominal Voltage | 208/220/230/240VAC | | | |
| | Acceptable Voltage Range | 162~290VAC | | | |
| | Frequency Range | 50/60Hz (auto sensing) | | | |
| OUTPUT | Output Voltage | 208/220/230/240VAC | | | |
| | Voltage Regulation (Batt. Mode) | ±1.5% (before battery alarm) | | | |
| | Frequency Range (Batt. Mode) | 50Hz or 60Hz ± 1Hz | | | |
| | Current Crest Ratio | 3:1 | | | |
| | Harmonic Distortion | 2% max @ 100% linear load, 5% max @ 100% non-linear load (before low battery alarm) | | | |
| | Transfer Time | Typical 2-6 ms, 10ms max. | | | |
| EFFICIENCY | ECO Mode | >97% | | | |
| | Buck & Boost Mode | >95% | | | |
| | Battery Mode | ≥ 88%, up to 90% @ nominal battery voltage | | | ≥ 91%, up to 92% @ nominal battery voltage |
| BATTERY | Battery Type & Number | 12V/7Ah x 2 | 12V/9Ah x 2 | 12V/7Ah x 4 | 12V/9Ah x 4 |
| | Charging Current (max.) | 1.5A | | | |
| | Charging Voltage | 27.4VDC ± 1% | | 54.8VDC ± 1% | |
| | Typical Recharge Time | 4 hours recover to 90% capacity | | | |
| INDICATORS | LCD Display | AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery | | | |
| PROTECTION | Full Protection | Overload, discharge, and overcharge protection | | | |
| ALARM | Battery Mode | Beeps every 10 seconds | | | |
| | Low Battery | Beeps every 2 seconds | | | |
| | Overload | Beeps every second | | | |
| | Fault | Beeps continuously | | | |
| PHYSICAL | Dimension D X W X H (mm) | 410 x 145 x 236 | | 470 x 145 x 236 | |
| | Net Weight (kg) | 11.65 | 12.35 | 18.1 | 20.3 |
| ENVIRONMENT | Operating Humidity | 0-90% RH @ 0- 40°C (non-condensing) | | | |
| | Noise Level | Less than 45dB | | | Less than 50dB |
| MANAGEMENT | Smart RS-232 / HID USB | Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, and MAC | | | |
| | Optional SNMP Card | Power management from SNMP manager and web browser | | | |
| * Product specifications are subject to change without further notice. | | | | | |