





| Omega UM v3 3K-24 | Main Features |
|---|--|
|     | <ul style="list-style-type: none"> • LCD Display Panel. • Detachable LCD control module with various communications. • Integrated Bluetooth interface with Android App. • Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS. • Supports USB On-the-Go function. • Battery equalization extends lifecycle. • Autonomous inverter. • User-friendly LCD operation. • Replaceable fan design. |

| MODEL | Omega UM v3 3K-24 |
|---------------------------------------|--|
| Rated Power | 3000 VA / 3000 W |
| INPUT | |
| Voltage | 230 VAC |
| Selectable Voltage Range | 170 - 280 VAC (For Personal Computers); 90 - 280 VAC (For Home Appliances) |
| Frequency Range | 50 / 60 Hz (Auto sensing) |
| OUTPUT | |
| AC Voltage Regulation (Batt. Mode) | 230 VAC \pm 5% |
| Surge Power | 6000 VA |
| Efficiency (Peak) | 90 ~ 93% |
| Transfer Time | 15 ms (For Personal Computers); 20 ms (For Home Appliances) |
| Waveform | Pure sine wave |
| BATTERY | |
| Battery Voltage | 24 VDC |
| Floating Charge Voltage | 27 VDC |
| Overcharge Protection | 33 VDC |
| SOLAR CHARGER & AC CHARGER | |
| Solar Charger Type | MPPT |
| Maximum PV Array Open Circuit Voltage | 500 VDC |
| Maximum PV Array Power | 4000 W |
| MPPT Range @ Operating Voltage | 120 ~ 450 VDC |
| Maximum Solar Charge Current | 100 A |
| Maximum AC Charge Current | 100 A |
| Maximum Charge Current | 100 A |
| PHYSICAL | |
| Dimension, D x W x H (mm) | 115 x 300 x 400 |
| Net Weight (kg) | 9 |
| Communication Interface | USB / RS232 / RS485 / Bluetooth / Dry-contact |
| OPERATING ENVIRONMENT | |
| Humidity | 5% to 95% Relative Humidity (Non-condensing) |
| Operating Temperature | -10°C to 50°C |
| Storage Temperature | -15°C to 60°C |

Product specifications are subject to change without further notice.

