

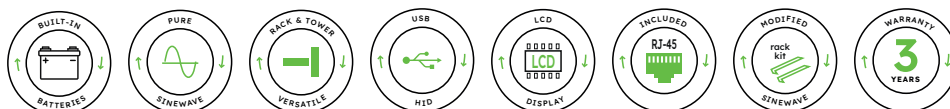
Mantis II RT NETPACK



SNMP WEB Interface II
included



LCD Display Panel



• Microprocessor-based line interactive design

Mantis RT UPS is designed with microprocessor controller for fast response to power disturbances.

• Pure sine wave output

With pure sine wave output, Mantis RT series guarantees compatibility for all kinds of loads. It's perfect power protection for versatile applications such as networking, telecom and other mission-critical applications.

• User-friendly and easy-shift LCD display

The front panel digital display can be easily shifted to suit the installation format, vertically stand or flat wall mount.

• Rack/Tower design

Mantis RT series is designed in true 2U universal-mount case. It can be easily installed as floor-standing tower or in 19-inch rackmount bracket.



19" rack-mounting

Floor-standing
Tower



• Built-in boost and buck AVR

With built-in voltage regulator, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages.

• Output power factor 0.9

Mantis II RT is a high-density UPS with output power factor 0.9 to provide higher performance and efficiency to critical applications.

• Hot-swappable battery design

This design ensures clean and uninterruptible power to protected equipment during battery replacement.

• Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.



Mantis II RT2U 3000 NP

Programmable Outlets (P1)
- connect to non-critical devices

• ECO operation for energy saving (Efficiency Corrective Optimizer)

The ECO function allows cost-effective operation of UPS Systems as high as 98%. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems.

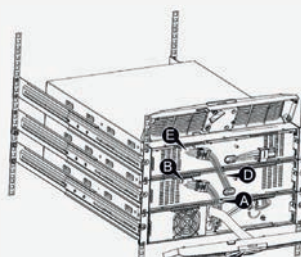
• Emergency Power Off Function (EPO)

This feature can secure the personnel and equipment in case of fires or other emergencies.

• EXB Battery extensions available

To provide longer backup time, we also offer EXB Battery extensions for Mantis II RT series. All connections are accessible from the front of the Unit.

• Multiple communication available



- USB/HID port
- RS-232 port
- SNMP/WEB Interface included

We also offer free monitoring software, NEXTVision, downloaded from the internet. This advanced and networking software supports various operating systems and multiple languages.

Mantis II RT NETPACK Selection Guide

| MODEL | | Mantis II 1000 RT2U NP | Mantis II 1500 RT2U NP | Mantis II 2000 RT2U NP | Mantis II 3000 RT2U NP |
|----------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| CAPACITY | | 1000 VA / 900 W | 1500 VA / 1350 W | 2000 VA / 1800 W | 3000 VA / 2700 W |
| INPUT | | | | | |
| Input Voltage Range | | 154 - 288 VAC | | | |
| Frequency Range | | 45-55 Hz | | | |
| Input Wiring | | Single phase with ground | | | |
| Current Distortion (THDi) | | 10% | | | |
| OUTPUT | | | | | |
| Output Power Factor | | 0.9 | | | |
| Nominal Output Voltage | | 220/230/240 VAC | | | |
| Voltage Regulation (Line Mode) | | - 10% ~ + 6% | | | |
| Voltage Regulation (Batt. Mode) | | ± 5% | | | |
| Frequency Range (Batt. Mode) | | 50 ± 0.1 Hz | | | |
| Voltage Distortion (THDv) | | < 3% @ linear load, < 6% @ non-linear load | | | |
| Output Waveform (Batt. Mode) | | Pure Sinewave | | | |
| EFFICIENCY | | | | | |
| Line Mode | | 97% | | | |
| AVR Mode | | Boost mode: 92%, Buck mode: 95% | | | |
| Battery Mode | | > 80% | > 82% | | 80% |
| BATTERY | | | | | |
| Standard Model | Type & Number | 12 V / 9 Ah x 3 | | 12 V / 9 Ah x 4 | 12 V / 9 Ah x 6 |
| | Charging Current | 1,5 A | | | |
| | Typical Recharge Time | 4 hours recover to 90% capacity | | | |
| PROTECTION | | | | | |
| Full Protection | | Overload, discharge, and overcharge protection | | | |
| INDICATORS | | | | | |
| LCD Display | | AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery | | | |
| ALARM | | | | | |
| Battery Mode | | Sounding every 10 seconds | | | |
| Low Battery | | Sounding every second | | | |
| Overload | | Sounding every 0.5 second | | | |
| Fault | | Continuously sounding | | | |
| PHYSICAL | | | | | |
| Standard Model | Dimension, WxHxD (mm) | 438 x 86,5 x 435 | | 438 x 86,5 x 436 | 438 x 86,5 x 604 |
| | Net Weight (kgs) | 16 | 17,9 | 21 | 31 |
| ENVIRONMENT | | | | | |
| Operating temperature | | 0- 40°C | | | |
| Noise Level | | < 45dB | | | |
| MANAGEMENT | | | | | |
| Smart RS-232/USB | | Supports Windows®, Linux, Unix, and MAC | | | |
| SNMP/Web Interface | | Power management from SNMP manager and web browser | | | |
| NEXT PART NUMBERS | | | | | |
| MANTIS II RT2U NETPACK | | 44236 | 44237 | 44238 | 44239 |
| EXB II RT2U (Battery extension) | | 66006 | 66006 | 66007 | 66008 |
| NEXT 5+ Warranty Extension (UPS) | | 11005 | 11005 | 11006 | 11006 |
| NEXT 5+ Warranty Extension (EXB) | | 11013 | 11013 | 11014 | 11015 |

Product specifications are subject to change without prior notice