

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 through LCD setting 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.



• 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 RT is a high-density UPS with output power factor 0.8 to provide higher performance and efficiency to critical applications.

• Hot-swappable battery design

This design ensures clean and uninterrupted 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.



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

• ECO operation for energy saving (Efficiency Corrective Optimizer)

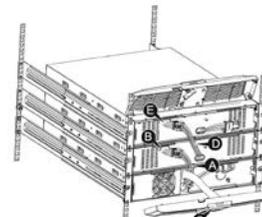
The ECO function allows cost-effective operation of UPS Systems as high as 98%. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems.

• 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 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 Line Interactive UPS 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 / 55-65 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)		50/60 Hz ± 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® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC			
SNMP/Web Interface		Power management from SNMP manager and web browser			
NEXT PARTNUMBERS					
MANTIS II RT NETPACK		44236	44237	44238	44239
EXB II RT (Battery extension)		66006	66006	66007	66008
NEXT 5+ Warranty Extension (UPS)		11004	11004	11006	11007
NEXT 5+ Warranty Extension (EXB)		11013	11013	11013	11014

LINE INTERACTIVE