

ONLINE UPS SERIES

MAGNUS PLUS TOWER UPS

MAGNUS PLUS RZ1K#3S

Specifications

- True double-conversion.
- Microprocessor control optimizes reliability.
- Input power factor correction.
- Output power factor 0.9
- Wide input voltage.
- Converter mode available.
- ECO mode for energy saving only available for 1-3KVA models.
- Generator compatible.
- Smart SNMP works well with either USB or RS-232 together.
- Comprehensive display allows easy monitoring and access of UPS status.

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MAGNUS PLUS Tower Online UPS Data Sheet		
MODEL		Magnus Plus RZ1K#3S
PHASE		Single phase with ground
CAPACITY		1000 VA / 900 W
INPUT		
Nominal Voltage		208/220/230/240VAC
Nominal Voltage		120-300 VAC (Based on load at 50%) 180-300 VAC (Based on load at 100%)
Frequency Range		40Hz ~ 70 Hz
Power Factor		≧ 0.99 @ Nominal Voltage (100% load)
OUTPUT		
Output Voltage		208/220/230/240VAC
Voltage Regulation		±1%
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.5%
Current Crest Ratio		3:1
Harmonic Distortion		≦ 3 % THD (linear Load) ≦ 6 % THD (Non-linear Load)
Transfer Time	AC Mode to Battery Mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave
EFFICIENCY		
AC Mode		88%
Battery Mode		83%
BATTERY		
Standard Model	Battery Type	12 V / 9 AH
	Numbers	3
	Typical Recharge Time	4 hours recover to 90% capacity
	Charging Current (max.)	1.0 A
	Charging Voltage	41.0VDC ± 1%
PHYSICAL		
Standard Model	Dimension, D x W x H (mm)	397 x 145 x 220
	Net Weight (kgs)	11.4
ENVIRONMENT		
Humidity		20-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 50dBA @ 1 Meter
MANAGEMENT		
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC
Optional SNMP		Power management from SNMP manager and web browser

*1-3KVA: Derate to 70% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC
6-10KVA: Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC.

Products specifications described herein are subject to change without prior notification.

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