



ONLINE UPS SERIES

MAGNUS PLUS RACK & TOWER UPS

MAGNUS PLUS RZ1KR#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.
- Emergency power off function (EPO) available for 6KVA/10KVA models
- Comprehensive display allows easy monitoring and access of UPS status



MAGNUS PLUS RT Online UPS Data Sheet		
MODEL		Magnus Plus RZ1KR#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 ± 0.25 Hz or 60Hz ± 0.3 Hz
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 (1-2-3)kva & Long-run (6-10)kva	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 (1-2-3)kva Long-run (6-10)kva	Dimension, D x W x H (mm)	410 x 438 x 88 [2U]
	Net Weight (kgs)	14.1
		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
6K/10K: Derate to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 208VAC.
Long-run model is only available in 208/220/230/240VAC systems.

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