



ONLINE UPS SERIES

MAGNUS PLUS RACK & TOWER UPS

MAGNUS PLUS RZ6KR#20L

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 RZ6KR#20L
PHASE		Single phase with ground
CAPACITY		6000 VA / 5400 W
INPUT		
Nominal Voltage		208/220/230/240VAC
Nominal Voltage		110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)
Frequency Range		46~54 Hz or 56~64 Hz
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)
OUTPUT		
Output Voltage		208/220/230/240VAC
Voltage Regulation		±1%
Frequency Range (Synchronized Range)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Frequency Range (Batt. Mode)		46~54 Hz or 56~64 Hz
Current Crest Ratio		3:1
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)
Transfer Time	AC Mode to Battery Mode	Zero
	Inverter to Bypass	0ms
Waveform (Batt. Mode)		Pure Sinewave
EFFICIENCY		
AC Mode		92%
Battery Mode		90%
BATTERY		
Standard (1-2-3)kva & Long-run (6-10)kva	Battery Type	12 V / 9 AH
	Numbers	20
	Typical Recharge Time	2 to 4 hours recover to 90% capacity
	Charging Current (max.)	1A/2A/4A (Adjustable)
	Charging Voltage	273 VDC ±1%
PHYSICAL		
Standard (1-2-3)kva Long-run (6-10)kva	Dimension, D x W x H (mm)	UPS Unit: 500x438x88 [2U] Battery Pack: 580x438x133 [3U]
	Net Weight (kgs)	UPS Unit : 15 Battery Pack : 61
ENVIRONMENT		
Humidity		0-95% RH @ 0-40°C (non-condensing)
Noise Level		Less than 55dBA @ 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.