



ONLINE UPS SERIES

MAGNUS PLUS TOWER UPS

MAGNUS PLUS RZ10K#20S

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.



MAGNUS PLUS Tower Online UPS Data Sheet		
MODEL		Magnus Plus RZ10K#20S
PHASE		Single phase with ground
CAPACITY		10000 VA / 9000 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)		46~54 Hz or 56~64 Hz
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1 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		93%
Battery Mode		91%
		BATTERY
Standard Model	Battery Type	12 V / 9 AH
	Numbers	20
	Typical Recharge Time	9 hours recover to 90% capacity
	Charging Current (max.)	1A/2A (Adjustable)
	Charging Voltage	273 VDC ±1%
		PHYSICAL
Standard Model	Dimension, D x W x H (mm)	442 x 190 x 688
	Net Weight (kgs)	76
		ENVIRONMENT
Humidity		0-95% RH @ 0-40°C (non-condensing)
Noise Level		Less than 58dBA @ 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.