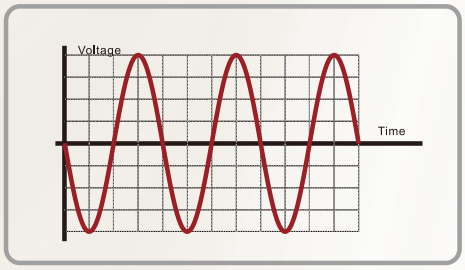
Mustek PowerMust

PowerMust 864/1188/1512/2016/2520/3024S NetGuard



* Pure sine wave

* Rack mount compliant

* Rack display

* Tower display

* Flexible rack/tower design with easy-shift LCD display

Features

- Pure sine wave
- User-friendly and easy-shift LCD display
- High flexibility with rack/tower design
- Output power factor 0.8
- Programmable power management outlets
- ECO (Efficiency Corrective Optimizer) operation for energy saving
- Excellent microprocessor control guarantees high reliability
- Boost and Buck AVR for voltage stabilization
- Hot-swappable battery design
- Multiple communications available

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Mustek®
PowerMust

PowerMust 864/1188/1512/2016/2520/3024S NetGuard

Specification

Product type		Uninterrupted power supply; Pure sine wave line-interactive					
Model		PM 864S Netguard	PM 1188S Netguard	PM 1512S Netguard	PM 2016S Netguard	PM 2520S Netguard	PM 3024S Netguard
Capacity		800 VA / 640 W	1100 VA / 880 W	1500 VA / 1200 W	2000 VA / 1600 W	2500 VA / 2000 W	3000 VA / 2400 W
Input							
Nominal voltage		110/120 VAC or 220/230/240 VAC					
Acceptable voltage range		81-145 VAC or 162-290 VAC					
Frequency range		60/50 Hz (auto sensing)					
Output							
Voltage regulation (AC Mode)	Nominal voltage	110/120 VAC or 220/230/240 VAC					
	Boost	Input×1.15					
	Buck	Input×0.87					
Voltage regulation (Batt. mode)		±3% (before battery alarm)					
Frequency range (Batt. mode)		50 Hz or 60 Hz ± 1 Hz					
Current crest ratio		3:1					
Harmonic distortion		8% max @ 100% linear load; 15% max @ 100% non-linear load (before alarm)					
Transfer time		Typical 2-6 ms, 10ms max.					
Waveform (Batt. mode)		Pure sine wave					
Efficiency							
AC mode		97%		97%		97%	
Buck & boost mode		90%		90%		90%	
Battery mode		83%		85%		87%	
Battery							
Battery type & number		12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/7 Ah x4	12 V/9 Ah x4	12 V/7 Ah x6	12 V/9 Ah x6
Charging voltage		27.4 VDC ± 1%		54.8 VDC ± 1%		82.1 VDC ± 1%	
Typical recharge time		4 hours recover to 90% capacity					
Indicators							
LCD display		AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload, Fault, and Low battery					
Protection							
Full protection		Overload, discharge, and overcharge protection					
Alarm							
Battery mode		Sounding every 10 seconds					
Low battery		Sounding every second					
Overload		Sounding every 0.5 second					
Battery replacement alarm		Sounding every second					
Fault		Continuously sounding					
Physical							
Dimension, DXWXH (mm)		350 x 438 x 88		480 x 438 x 88		600 x 438 x 88	
Net weight (kg)		14.8	15.8	23	25	32	35
Environment							
Operating humidity		0-90 % RH @ 0- 40°C (non-condensing)					
Noise level		Less than 45dB					
Management							
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC					
Optional SNMP		Power management from SNMP manager and web browser					
Accessories		Input power cord x 1pcs (for model from PM 864S-2016S NG only) , IEC output cable x 2pcs (for model from PM 864S-2016S NG only), User guide, Tower bracket, Fitting ears x 1pair					

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