

PowerMust 1008/2016/3024 online LCD X



PM 3024 LCD X



PM 2016 LCD X



PM 1008 LCD X

Features

- True double-conversion
- Excellent microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage (110V-300V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Smart SNMP works with USB or RS -232
- RS 232 and USB port

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MODEL		PM1008 Online LCD X		PM2016 Online LCD X		PM 3024 Online LCD X	
INPUT							
Voltage Range	Capacity	1000VA/800W		2000VA/1600W		3000VA/2400W	
	Low Line Transfer	"160VAC/140VAC/120VAC/110VAC ± 5% (based on load percentage 100%- 80% / 80% - 70 % / 70 -60% / 60%-0)					
	Low Line Comeback	168VAC/148VAC/128VAC/118VAC ± 5% (based on load percentage 100%- 80% / 80% - 70 % / 70 -60% / 60%-0)					
	High Line Transfer	300 VAC ± 5%					
	High Line Comeback	290 VAC ± 5%					
Frequency Range		40 Hz ~ 70 Hz					
Phase		Single phase with ground					
Power Factor		≥ 0.99 @ nominal voltage (input voltage)					
OUTPUT							
Output voltage		200/08/220/230/240 VAC					
AC Voltage Regulation		± 1% (batt. Mode)					
Frequency Range (Synchronized Range)		47 ~ 53 or 57 ~ 63 Hz					
Frequency range (Batt. Mode)		50 Hz ± 0.25 Hz or 60 Hz ± 0.3 Hz					
Overload		100%~110%: audible warning 110%~130%: UPS shuts down in 30 seconds at battery mode or transfer to bypass when the utility is normal >130%: UPS shuts down immediatly at battery mode or transfer to bypass mode when the utility is normal					
Current Crest Ratio		3:1					
Harmonic Distortion		≤ 2% THD (linear load) ≤ 4% THD (non-linear load)					
Transfer Time	AC Mode to Batt. Mode	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
AC Mode		87%		90%			
Battery Mode		83%		87%		89%	
BATTERY							
Standard Model	Battery Type	12 V / 9 AH		12 V / 7 AH		12 V / 9 AH	
	Number	2		3		8	
	Recharge Time	4 hours recover to 90% capacity (Typical)					
	Charging Current	1.0 A (max.)					
	Charging Voltage	27.3 VDC ±1%	41.0 VDC ±1%	82.1 VDC ±1%	109.4 VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%
Long-run Model	Battery Type & Numbers	Depending on the capacity of external batteries					
	Charging Current	1.0 A / 2.0 A / 4.0 A / 6.0 A					
	Charging Voltage	27.3 VDC ±1%	41.0 VDC ±1%	82.1 VDC ±1%	109.4 VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%
PHYSICAL							
Dimension, D X W X H (mm)		397 x 145 x 220 (mm)			419 x 190 x 318 (mm)		
Net Weight (kgs)		10	7	13	7	26	13
						30.5	13
						28	13
						33	13
ENVIRONMENT							
Operation Humidity		20-90% RH @ 0-40° C (non-condensing)					
Noise Level		Less than 50 dB @ 1 Meter					
MANAGEMENT							
Smart RS 232 or USB Port		Supports Windows® 2000/2002/XP/Vista/2008/7/8, Linux, Unix, and MAC					
Optional SNMP		Power Management from SNMP manager and Web browser					