

PowerMust 6000 / 10000 LCD RM, Online IEC

PM 6000 / 10000 LCD RM



PM 6000 / 10000 LCD RM Back side

Features

- Pure Sine Wave
- True double-conversion online UPS
- Wide input voltage range (110-300VAC)
- Output Power factor 1
- Emergency power off (EPO) function
- Active input power factor correction 0,99
- Generator compatible
- 50Hz/60Hz frequency converter mode
- SNMP/USB/RS-232 communications
- Optional N+X parallel redundancy
- Adjustable battery numbers

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Specification

MODEL	PowerMust 6000 LCD, RM	PowerMust 10000 LCD, RM
INPUT		
Capacity	6000VA/6000W	10000VA/10000W
Voltage Range	110-300VAC@(0-60%) load; 140-300VAC @(60-80%) load; 176-300VAC@(80-100%) load	
THDI	< 4% @ 100, < 6% @ 50% load	
Frequency Range	46-54 Hz@ 50Hz / 56-64 Hz@ 60Hz	
Phase	Single phase with ground	
Power Factor	≥ 0.99 @ full load	
OUTPUT		
Output voltage	208/220/230/240 VAC	
AC Voltage Regulation	± 1%	
Frequency Range (Synchronized Range)	46-54 Hz@ 50Hz / 56-64 Hz@ 60Hz	
Frequency range (Batt. Mode)	50 or 60 Hz ± 0.1 Hz	
Current Crest Ratio	3:1 (max.)	
Harmonic Distortion	≤1,5% THD (Linear Load); ≤7% THD (non-Linear Load)	
Waveform (Batt. Mode)	Pure Sinewave	
BATTERY		
Battery Type	12 V / 7 AH x 16	12 V / 9 AH x 16
Recharge Time	9 hours recover to 90% capacity	
Charging Current	1 A (max.)	
BACK-UP TIME		
Back up time	> 4 min.	> 2,5 min.
AUDIBLE ALARM		
Battery Mode	Sounding every 4 seconds	
Battery Low	Sounding every second	
Fault	Continuesly sounding	
Overload	Sounding twice every second	
TRANSFER TIME		
BAT <--> LINE	0 ms	0 ms
INV <--> BYPASS	0 ms	0 ms
INV --> ECO	0 ms	0 ms
ECO--> INV	< 10 ms	<10 ms
PHYSICAL		
Dimension, D X W X H (mm)	600 x 438 x 88 (2U)	600 x 438 x 88 (2U)
Net Weight (kgs), with batteries	48	48
ENVIRONMENT		
Operation Environment	0-40°	
Relative Humidity	20-95% (non-condensing)	
Noise Level	< 55 dB @1 Meter	< 58dB @ 1 Meter

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Specification continued

MODEL	PowerMust 6000 LCD, RM	PowerMust 10000 LCD, RM
INTERFACE		
EPO	Emergency Power Off	
Intelligent slot	External Type of SNMP / RS485 / AS 400 / USB card	
USB port	Yes	
ACCESSORIES		
Accessories	User manual, EPO connector x1, Input power cord schuko, USB cable x 1, pedestal for tower installation x2, Fitting Ear for UPS x2, Fitting Ear for PDU x1(10900 x2), Software CD	
MANAGEMENT		
Smart RS 232 or USB Port	Supports Windows® 2000/2002/XP/Vista/2008/7/8/10, Linux and MAC	
Optional SNMP	Power Management from SNMP manager and Web browser	