Mustek ®

PowerMust 1000 / 2000 / 3000 LCD,Online, IEC

PM 1000 LCD Back

PM 2000 LCD Back

PM 3000 LCD Back

PM 1000 (1KVA, PM 2000 (2KVA), PM 3000 (3KVA), LCD

Features

- Pure Sine Wave
- Output Power Factor 1
- True double conversion
- ECO mode energy saving
- Microprocessor control optimizes reliability
- 50/60 Hz Frequency Converter Mode
- Generator compatible
- Emergency Power Off (EPO) function
- Output THDv < 2% Linear Load
- Wide input voltage
- True double-conversion online UPS

PowerMust 1000 / 2000 /3000 LCD,Online, IEC

Specification

MODEL	PowerMust 1000 LCD	PowerMust 2000 LCD	PowerMust 3000 LCD
INPUT			
Capacity	1000VA/1000W	2000VA/2000W	3000VA/3000W
Voltage Range	110-300 VAC		
THDI	< 5%		
Frequency Range	40 Hz ~ 70 Hz		
Phase	Single phase with ground		
Power Factor	≥ 0.99 @ nominal voltage (100% load)		
OUTPUT			
Output voltage	200/208/220/230/240 VAC		
AC Voltage Regulation	± 1% (batt. Mode)		
Frequency Range (Synchronized Range)	47 ~ 53 or 57 ~ 63Hz		
Frequency range (Batt. Mode)	50/60 Hz ± 0.1 Hz		
Current Crest Ratio	3:1		
Harmonic Distortion	≤ 2% THD (Linear Load); ≤ 4% THD (Non-Linear Load)		
Waveform (Batt. Mode)	Pure Sinewave		
EFFICIENCY			
AC Mode	≥ 89% @ Battery fully charged	≥ 91% @ Battery fully charged	
Battery Mode	≥ 88%	≥ 90%	
BATTERY			
Battery Type	12 V / 7 AH x 3	12 V / 7 AH x 6	12 V / 9 AH x 6
Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current		
Charging Current	Default 2A, max.12A adjustable	Default 2A, max. 8A adjustable	
BACK-UP TIME			
Back up time (PF 0,8 Full Load)	> 5 min.	> 5 min.	> 4 min.
AUDIBLE ALARM			
Battery Mode	Sounding every 5 seconds		
Battery Low	Sounding every 2 seconds		
Fault	Continuously sounding		
Overload	Sounding every second		
TRANSFER TIME			
BAT <--> LINE	0 ms	0 ms	0 ms
INV <--> BYPASS	< 4 ms	< 4 ms	< 4 ms
INV --> ECO	0 ms	0 ms	0 ms
ECO --> INV	< 10 ms	< 10 ms	< 10 ms
PHYSICAL			
Dimension, D X W X H (mm)	397 x 145 x 220	421 x 190 x 318	
Net Weight (kgs)			
ENVIRONMENT			
Operation Environment	0-45˚		
Operation Humidity	20-95% (non-condensing)		
Noise Level	Less than 50 dB @ 1 Meter		

PowerMust 1000 / 2000 /3000 LCD,Online, IEC

Specification continued

MODEL	PowerMust 1000 LCD	PowerMust 2000 LCD	PowerMust 3000 LCD
INTERFACE			
EPO	Emergency Power Off		
Intelligent slot	External Type of SNMP / RS485 / AS 400 / USB card		
AC Outlets IEC	4 x	8x	8 + 1
USB port	USB		
ACCESSORIES			
Accessories	User manual,EPO connector x1, Input power cord schuko, Output cable IEC x2, USB cable x 1, 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		