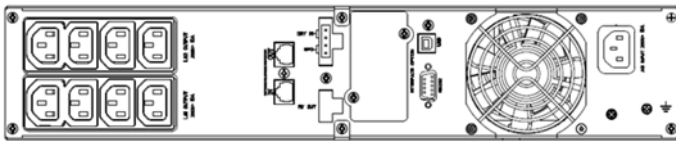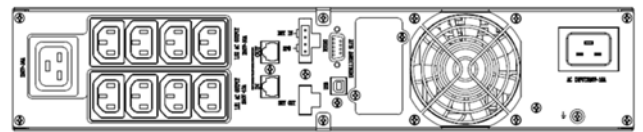**PowerMust 1090 /2018 / 3027 LCD, RM, Online, IEC**

PM 1090 (1KVA), PM 2018 (2KVA),LCD RM

PM 3027 (3KVA),LCD RM

Features

- Pure Sine Wave
- True double-conversion online UPS
- Wide input voltage range
- High efficiency ECO mode & CVCF mode
- Emergency power off (EPO) function
- SNMP + USB + RS 232 multiple communications
- Selectable output voltage
- Output voltage regulation < 2%
- Auto self-testing system
- Output THDv < 3 %

PowerMust 1090 /2018 / 3027 LCD, RM, Online, IEC

Specification

MODEL	PowerMust 1090 LCD, RM	PowerMust 2018 LCD,RM	PowerMust 3027 LCD,RM
INPUT			
Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W
Voltage Range	120-276 VAC		
THDI	< 5% with full load		
Frequency Range	45 ~ 55 Hz /54 - 66 Hz		
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)	45 ~ 55 or 54 ~ 66 Hz		
Frequency range (Batt. Mode)	50/60 Hz ± 0.2 Hz		
Current Crest Ratio	3:1		
Harmonic Distortion	<2% THD (Linear Load); <5% THD (non-Linear Load)		
Waveform (Batt. Mode)	Pure Sinewave		
BATTERY			
Battery Type	12 V / 7 AH x 3	12 V / 9 AH x 4	12 V / 9 AH x 6
Recharge Time	3 hours recover to 90% capacity		
Charging Current	1.5 A (max.)		
BACK-UP TIME			
Back up time	> 5 min.	> 5 min.	> 5 min.
AUDIBLE ALARM			
Battery Mode	Sounding every 4 seconds		
Battery Low	Sounding every second		
Fault	Continuesly sounding		
Overload	Sounding twice evry second		
TRANSFER TIME			
BAT <--> LINE	0 ms	0 ms	0 ms
INV <--> BYPASS	< 4 ms	< 4 ms	< 4 ms
INV --> ECO	< 10 ms	< 10 ms	< 10 ms
PHYSICAL			
Dimension, D X W X H (mm)	438 x 86.5 (2U) x 436		438 x 86.5 (2U) x 608
Net Weight (kgs)			
ENVIRONMENT			
Operation Environment	0-40˚		
Operation Humidity	0-95% (non-condensing)		
Noise Level	Less than 45 dB @ front 1 Meter	Less than 50 dB @ front 1 Meter	

PowerMust 1090 /2018 / 3027 LCD, RM, Online, IEC

Specification continued

MODEL	PowerMust 1090 LCD, RM	PowerMust 2018 LCD, RM	PowerMust 3027 LCD, RM
INTERFACE			
EPO	Emergency Power Off		
Intelligent slot	External Type of SNMP / RS485 / AS 400 / USB card		
AC Outlets	IEC320 C13 x 8	IEC 320 C13 x 8	IEC320 C13 x8 + C19 x 1
USB port	Yes		
RS232	Yes		
ACCESSORIES			
Accessories	User manual,4P EPO connector x1, 2P EPO connector x 1, Input power cord schuko, Output cable IEC x2, Pedestal for tower installation x 4, Fitting Ear x 2, Rack Rail, USB cable x 1, Software CD		
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		