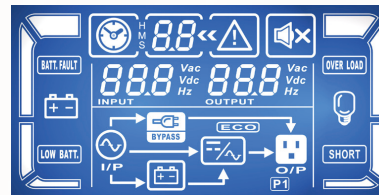**Mustek** ®
PowerMust

PowerMust 6048/10800 Online LCD

LCD Display

Features

- True double-conversion online UPS with LCD display
- Protection against data losses and damages to the sensible IT equipment
- Extra wide voltage range
- Smart RS-232 and USB port
- Telephone jack for phone/modem/network
- SNMP intelligent slot: allows communication among various OS and remotemonitoring of the UPS (SNMP card optional)
- Generator compatible: uninterrupted and constant power supply to protectequipment when using generator as power source
- Eco mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Precise selection of output voltage: 208 – 240 VAC
- Audible alarm function with mute option
- Smart battery charger design to optimize battery performance
- Adjustable battery numbers
- Maintenance bypass switch available
- Optional N+X parallel redundancy available

PowerMust 6048/10800 Online LCD

Specification

Product type		Uninterrupted power supply; Online	
Model		PowerMust 6048 Online LCD	PowerMust 10800 Online LCD
Capacity		6000 VA / 4800 W	10000 VA / 8000 W
Input			
Voltage Range	Low line transfer	176 VAC @ 100% load 110 VAC @ 50% load	
	Low line Comeback	186 VAC @ 100% load 120 VAC @ 50% load	
	High line transfer	300 VAC	
	Low line Comeback	290 VAC	
	Frequency range	46~54 Hz or 56~64 Hz	
	Phase	Single phase with ground	
	Power factor	$\geqq$ 0.99 @ 100% load	
Output			
AC voltage regulation (Batt. mode)		±1 %	
Frequency range (Synchronized Range)		46~54 Hz or 56~64 Hz	
Frequency range (Batt. mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current crest ratio		3:1	
Harmonic distortion		$\leqq$ 3 % THD (Linear Load) $\leqq$ 6 % THD(Non-linear Load)	
Transfer time	AC to DC	Zero	
	Inverter to Bypass	Zero	
	Waveform (Batt. mode)	Pure Sine Wave	
Efficiency			
To AC mode		89%	
To battery mode		88%	
Battetry			
Battery voltage		12 V/7 Ah x 20	12 V / 9 Ah x 20
Typical recharge time		7 hours recover to 90% capacity	7 hours recover to 90% capacity
Charging current (max.)		1.0 A	
Charging voltage		273 VDC	
Indicators			
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
Alarm			
Battery mode		Sounding every 4 seconds	
Low battery		Sounding every second	
Overload		Sounding twice every second	
Fault		Continuously sounding	
Physical			
Dimension, DXWXH (mm)		592 X 250 X 576	
Net weight (kg)		81	83
Operating environment			
Humidity		20-90 % RH @ 0- 40°C (non-condensing)	
Noise level		Less than 55dB @ 1 Meter	Less than 58dB @ 1 Meter
Management			
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, and MAC	
Optional SNMP		Power management from SNMP manager and web browser	
Accessories		User guide, Software CD, USB cable, optional: SNMP card	