

## PowerMust Office 650



### Features

- Surge-type UPS for home and office use
- Microprocessor control for high reliability
- Built-in USB port
- Protection for modem, phone line & network
- Audible alarm in case of abnormal conditions
- Free software-CD
- Intelligent battery management
- Easy handling

## PowerMust Office 650

### Specification

Product type	Uninterrupted power supply; Offline / surge protection	
Model	PowerMust Office 650	
Capacity	650 VA / 390W	
Input		
Phase	Single	
Voltage	120 VAC or 220 / 230 / 240VAC	
Voltage range	99~141 VAC // 182~258 / 190~270 / 198~282 VAC	
Frequency	50 / 60Hz	
Frequency range	45~55 Hz // 55~65 Hz	
Output		
Phase	Single	
Voltage	120 VAC or 230 VAC	
Voltage regulation ( Batt. mode )	± 10%	
Frequency	50 Hz or 60Hz	
Frequency regulation ( Batt. mode )	±1Hz	
Output waveform ( Batt. mode )	Modified Sinewave	
Power factor	0.6	
Battery		
Battery type & number	12V7Ah * 1 pc	
Back up time ( at a PC load with 15" monitor )	20 minutes	
Back up time ( at a PC load with 17" monitor )	16 minutes	
Recharge time	24 hours up to 90 % after complete discharge	
Transfer time		
Typical	2~6 ms	
Indicator		
AC mode	Green LED lighting	
Battery mode	Orange LED flashing every 10 seconds	
Low battery at battery mode	Red LED lighting	
Fault	Red LED lighting	
Battery weak at AC mode	Red LED lighting	
Battery fault at AC mode	Red LED lighting	
Overload	N/A	
Audible alarm		
Battery mode	Sounding every 10 seconds	
Low battery at battery mode	Sounding every second	
Fault	Continuously Sounding	
Battery weak at AC mode	N/A	
Battery fault at AC mode	N/A	
Battery replacement	Sounding every 2 seconds	
Overload	N/A	
Protection		
Full protection	Deep Discharge, OverCharge, Short Circuit Protection RJ 11 Modem/Telephone Protection *3	
Physical		
Dimension, D*W*H (mm)	297*192*90	
Net weight (kgs)	6.2	
Schuko type	4 outlets (1 for surge protection, 3 for battery backup)	
Environment		
Operating Environment	0~40 °C , 20~90% relative humidity (non-condensing)	
Noise Level	Less than 40dB	
Interface		
Smart RS-232	Windows family, Linux, Sun Solaris, IBMAix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC	
USB Port	Windows 98/2000/ME/XP	
Accessories	USB cable, RS232 cable, Application CD, User guide	