

PowerMust 424/636/848



Features

- Green topology, saving 50% energy than others at AC mode
- Built-in super smart charger , 90% fully charged in 4 hours
- Charging ability at low input voltage, 2 times more powerful than others
- Excellent microprocessor control guarantees high reliability
- Boost and Buck AVR for voltage stabilization
- Off-mode auto charging
- Auto-restart while AC is recovering
- Simulated sine wave
- Cold start function
- Built-in USB communication port and RJ-11 phone protection

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Specification

Product type	Uninterrupted power supply; Line interactive		
Model	PowerMust 424	PowerMust 636	PowerMust 848
Capacity	400 VA / 240 W	600 VA / 360 W	800 VA / 480 W
Input			
Voltage	110/120 VAC or 220/230/240 VAC		
Voltage range	81-145 VAC / 162-290 VAC		
Frequency range	60/50 Hz (auto sensing)		
Output			
AC voltage regulation (Batt. mode)	± 10%		
Optional DC voltage (USB)	5 V		
Frequency range (Batt. mode)	50Hz or 60Hz ± 1Hz		
Transfer time	Typical 2-6 ms, 10ms max.		
Waveform (Batt. mode)	Simulated Sine Wave		
Protection	Short circuit and Overload Protection		
Battery			
Battery voltage	12 V/4,5 Ah x 1	12 V / 7 Ah x 1	12 V / 9 Ah x 1
Backup time (one-PC load at 99 W)	10 min.	19 min.	23 min.
Typical recharge time	4 hours recover to 90% capacity		
Indicators			
AC mode	Green lighting		
Battery mode	Yellow flashing		
Fault	Red flashing		
Alarm			
Battery mode	Sounding every 10 seconds		
Low battery	Sounding every second		
Overload	Sounding every 0,5 seconds		
Battery replacement alarm	Sounding every 2 seconds		
Fault	Continuously sounding		
Physical			
Dimension, DXWXH (mm)	330 x 100 x 140		
Net weight (kg)	4,25	6	6,6
Operating environment			
Humidity	0-95 % RH @ 0- 40°C (non-condensing)		
Noise level	Less than 40dB		
Management			
USB port	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, and MAC		
Accessories	AC Input Power cable x1, IEC output cable x2, Application CD, USB cable x1, User guide		