

## PowerMust 424/636/848E



### Features

- Compact size design
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function

## PowerMust 424/636/848E

### Specification

<b>Product type</b>	Uninterrupted power supply; Line interactive		
<b>Model</b>	<b>PowerMust 424E</b>	<b>PowerMust 636E</b>	<b>PowerMust 848E</b>
<b>Capacity</b>	450 VA / 240 W	650 VA / 360 W	850 VA / 480 W
<b>Input</b>			
Voltage	110/120 VAC or 220/230/240 VAC		
Voltage range	81-145 VAC / 162-290 VAC		
Frequency range	60/50 Hz (auto sensing)		
<b>Output</b>			
AC voltage regulation (Batt. mode)	± 10%		
Frequency range (Batt. mode)	50Hz or 60Hz ± 1Hz		
Transfer time	Typical 2-6 ms, 10ms max.		
Waveform (Batt. mode)	Simulated Sine Wave		
<b>Battery</b>			
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 120 W )	5 min.	10 min.	15 min.
Typical recharge time	4 - 6 hours recover to 90% capacity		
<b>Indicators</b>			
AC mode	Green lighting		
Battery mode	Yellow flashing		
Fault	Red flashing		
<b>Protection</b>			
Full protection	Overload, discharge, and overcharge protection		
<b>Alarm</b>			
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		
<b>Physical</b>			
Dimension, DXWXH (mm)	287 x 100 x 142		
Net weight (kg)	3,55	4,25	4,9
<b>Operating environment</b>			
Humidity	0-95 % RH @ 0- 40°C (non-condensing)		
Noise level	Less than 40dB		
<b>Accessories</b>	User guide		