

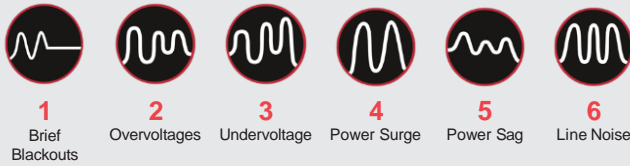
Power UPS Series

Line-Interactive UPS with 3-Step Regulation, 500VA-2200VA

Highlights

- 2-step boost & 1-step buck AVR for battery-backed outlets
- Microprocessor-controlled for high reliability
- Advanced Battery Management (ABM) to increase battery longevity, performance, and reliability
- USB communications interface with power management software (AS models only)
- Auto restart while AC is recovering
- DC cold start function
- Off-mode charging
- Generator compatible (Optional)

Protection From



Typical Applications

- Computers
- Gaming consoles
- Networking devices
- Home theater electronics

OVERVIEW

Model	POW-500AGMU	POW-700AGMU	POW-900AGMU	POW-1250A(S)GMT	POW-1650ASGMT	POW-2200ASGMT
Capacity	500VA / 250W	700VA / 360W	900VA / 480W	1250VA / 720W	1650VA / 990W	2200VA / 1200W

INPUT

Nominal Voltage	220 / 230 / 240Vac
Voltage Range	140 - 300Vac
Frequency	50/60Hz ± 5Hz (auto-sensing)

OUTPUT

Nominal Voltage	220 / 230 / 240Vac
Voltage Range (On-Battery)	±10%
Frequency Regulation (On-Battery)	50/60Hz ± 1Hz
Regulation Steps	2-step boost up & 1-step buck down
Wave Form (On-Battery)	Simulated sine wave

TRANSFER TIME

Line Mode <-> Battery Mode	2 - 6ms (typical)
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BATTERY

Quantity & Size	1 x 12V / 4.5Ah	1 x 12V / 7Ah	1 x 12V / 9Ah	2 x 12V / 7Ah	2 x 12V / 9Ah	2 x 12V / 9Ah
Nominal Voltage	12V			24V		
Float Charging Voltage	13.7V ± 2%			27.4V ± 2%		
Recharge Time	4 - 6 hours to 90% after complete discharge					

PROTECTION

Protections	Overload, overcharge, short circuit, and over-discharge, EMI / RFI noise suppression					
Phone/Fax/Network Surge Suppression	N/A			RJ-11 / 45 combo port (1-in & 1-out)		

COMMUNICATION INTERFACE

USB (AS Model Only)	N/A		Optional	Windows® / Linux / Unix / Mac OS®		
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INDICATORS

AC Mode	Green lighting			Green lighting		
Battery Mode	Green flashing			Yellow flashing		
Fault	N/A			Red lighting		

PHYSICAL

Dimensions (DWH)(mm/in)	279 x 101 x 142 / 11.0 x 4.0 x 5.6			320 x 130 x 182 / 12.6 x 5.1 x 7.2		
Weight (kg/lb)	3.6 / 7.9	4.2 / 9.3	4.9 / 10.8	8.2 / 18.1	10.4 / 22.9	10.6 / 23.4

ENVIRONMENT

Operating Temp. / Humidity / Noise Level	0 to 40°C / 0 to 95% RH (Non-condensing) / Less than 40dB					
Standard	Compliant with CE and RoHS					