



Powerware® 5115 500 and 750 VA Line-Interactive UPS

Solution Overview

The cost-effective Powerware 5115 line-interactive uninterruptible power system (UPS) is designed to protect electronic equipment from power disturbances. Delivering basic surge protection and backup power, the Powerware 5115 offers the best UPS power protection against common power quality problems. Additionally, incoming voltage fluctuations are corrected so they do not affect the performance of connected equipment.



Solution Benefits

The Powerware 5115 UPS provides pure sine wave output during battery operation. The connected load continues to receive a quality electrical waveform and operates smoothly even during power outages.

- Extends battery service life and provides advanced warning of the end of useful battery life with Advanced Battery Management (ABM®) technology
- Delivers smooth, continuous power with pure sine wave output
- Minimized downtime with hot-swappable batteries
- Protects equipment connected by network or phone wiring from “back door” power surges with a Network Transient Protector
- Communicates with bundled LanSafe power management software via serial and USB ports

Solution Applications

Suitable for small to medium-sized businesses, the Powerware 5115 UPS features both USB and serial ports to facilitate LanSafe software communication.

Ideally suited for:

- Cajun® switches
- IP Office
- Hubs and routers
- NT workstations
- Small to medium-sized business equipment

Model Selection Guide and Specifications¹

Model	SAP	Power Out (VA/Watts)	Input Connection	Output Connections
500 VA	700203359	500/320	5-15P	(4) 5-15R
750 VA	700212939	750/500	5-15P	(4) 5-15R

Battery Backup Times (In Minutes)

500 VA Model

VA	Watts	% Load	Minutes of Holdover Time
200	128	40%	17
300	192	60%	11
500	320	100%	5

750 VA Model

VA	Watts	% Load	Minutes of Holdover Time
200	128	27%	38
300	192	40%	27
500	320	67%	14
600	402	80%	9
750	503	100%	6

Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

Electrical Input

Voltage	120 Vac Nominal
Online Voltage Range	±20% for nominal voltage at full load
Nominal Input Frequency	50/60 Hz; auto-sensing
Input Protection	Resettable circuit breaker

Electrical Output

Online Regulation	-10%, +6% of nominal voltage
On Battery Voltage Regulation	±5% of nominal voltage; -10% after low battery warning
On Battery Frequency Regulation	±.01 Hz of nominal frequency
Voltage Wave Shape	Sine wave (during normal and battery operation)

Indicators and Controls

Front Panel LEDs	Power on, on battery, overload, and battery fault
Front Panel Buttons	On/Off and alarm silence/self-test
Communications Port	Serial and USB ports (ships with serial and USB cables)
Power Factor	500 VA: 0.64 750 VA: 0.67

Battery Specifications

Battery Type	Sealed, maintenance-free lead-acid; starved electrolyte
Battery Description	500 VA: (1) 12V, 9 Ah 750 VA: (2) 12V, 7.2 Ah
Battery Recharge	<3 hours to 90% capacity
Start-On-Battery	Startup with UPS batteries in absence of utility power

General

Weight	500 VA: 17.2 lb. 750 VA: 27.3 lb.
Dimensions (H x W x D)	500 VA: 7.6 x 5.9 x 10.6 in. 750 VA: 7.6 x 5.9 x 13.2 in.
Network Transient Protector	In and out RJ11 jack for telephone/modem protection or RJ45 for 10Base-T network cable; UL497A tested
Topology	Line-interactive

Environmental and Safety

Operating Temperature	0°C to 40°C (32°F to 104°F) UL tested at 25°C (77°F)
Safety Markings	UL, cUL, and CSA
Safety Conformance	UL 1778, CAN/CSA C22.2, No. 107.1
EMC Markings	FCC Class B
Surge Suppression	ANSI C62.41 Category A (formerly IEEE 587)
Immunity	IEC 801-2, -3, -4
Transit/Storage Temperature	-15°C to 55°C (5°F to 131°F)
Audible Noise	<45 dBA typical
Relative Humidity	5-95% non-condensing

¹ Due to continuing product improvement programs, specifications are subject to change without notice.

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Printed in the U.S.A.

11/05