

Powerware 5115 Technical Specifications

ELECTRICAL INPUT

Voltage	120 and 230 Vac Nominal; see Model Selection Guide for user-selectable voltages
On Line Voltage Range	+20% for nominal voltage at full load
Nominal Input Frequency	45-65 Hz, 50/60 Hz; auto-sensing
Input Protection	120V models: Resettable circuit breaker 230V models: AC source overcurrent protection device (required)
Connection	120V models: 6 ft. cord w/5-15P
230V models:	IEC-320, 10A male connector

ELECTRICAL OUTPUT

Power Levels	500-1400 VA
Online Regulation	-10%, +6% of nominal voltage
On Battery Voltage Regulation	+/-5% of nominal voltage; -10% after low battery warning
On Battery Frequency Regulation	+/-0.1 Hz of nominal frequency
Voltage Wave Shape	Sine wave (during normal and battery operation)
Connections	See Model Selection Guide
Interconnecting Cords	(230V models) 2 ea. IEC-320, 10A

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	DB9 female (UPS ships with communications cable); USB Interface Adapter is optional
Power Factor	500 VA: 0.64 750/1000 VA: 0.67 1400 VA: 0.68
Battery	Battery Type Sealed, maintenance-free lead-acid; starved electrolyte
Battery Description	500 VA: (1) 12V, 9 Ah 750 VA: (2) 12V, 7.2 Ah 1000 VA: (2) 12V, 9 Ah 1400 VA: (3) 12V, 9 Ah
Battery Recharge	< 3 hours to 90% capacity
Battery Runtime	5 minutes minimum; See Battery Runtimes table
Start-On-Battery	Startup with UPS batteries in absence of utility power
General Topology	Line interactive
Dimensions and Weight	see Model Selection Guide
Network Transient Protector	In and out RJ11 jack for telephone/modem protection (120V models only) or RJ45 for 10Base-T network cable; UL497A tested

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; 230V models also CE and TUV

Safety Conformance	UL 1778, CAN/CSA C22.2, No. 107.1; 230V models also EN 50091-1-1 and IEC 60950
EMC Markings	FCC Class B; 230V models also CE (EN50091-2) and C-Tick
Surge Suppression	ANSI C62.41 Category A (formerly IEEE 587)
Immunity	IEC 801-2, -3, -4
Transit/Storage Temp.	-15oC to 55oC (5oF to 131oF)
Audible Noise	< 45 dBA typical
Relative Humidity	5-95% non-condensing

**Due to continuing product improvement programs, specifications
subject to change without notice**

Model Selection Guide

<u>Model Number</u>	<u>Power Out (VA/Watts)</u>	<u>Input Connection</u>	<u>Output Connections</u>	<u>Dimensions WxHxD, (in./mm)</u>	<u>Unit Weight (lb/kg)</u>
<i>120 VAC¹, 60 Hz auto-sensing</i>					
PW5115 500	500/320	5-15P	(4) 5-15R	7.6 x 5.9 x 10.6/193 x 150 x 270	17.2/7.8
PW5115 750	750/500	5-15P	(4) 5-15R	7.6 x 5.9 x 13.2/193 x 150 x 335	27.3/12.4
PW5115 1000	1000/670	5-15P	(6) 5-15R	7.6 x 5.9 x 13.2/193 x 150 x 335	27.8/12.6
PW5115 1400	1400/950	5-15P	(6) 5-15R	7.6 x 5.9 x 15.4/193 x 150 x 390	37.0/16.8
<i>230 VAC², 60 Hz auto-sensing</i>					
PW5115 500 <i>i</i>	500/320	IEC-320,10A	(4) IEC-320	7.6 x 5.9 x 10.6/193 x 150 x 270	17.2/7.8
PW5115 750 <i>i</i>	750/500	IEC-320,10A	(4) IEC-320	7.6 x 5.9 x 13.2/193 x 150 x 335	27.3/12.4
PW5115 1000 <i>i</i>	1000/670	IEC-320,10A	(6) IEC-320	7.6 x 5.9 x 13.2/193 x 150 x 335	27.8/12.6
PW5115 1400 <i>i</i>	1400/950	IEC-320,10A	(6) IEC-320	7.6 x 5.9 x 15.4/193 x 150 x 390	37.0/16.8

1) Also user-selectable for 110V via rear panel DIP switches.

2) 230V default; also user-selectable for 220 and 240V via rear panel DIP switches