

Eaton 5115 UPS Technical Specifications

Technical Specifications¹

Electrical Input

Voltage	120 and 230 Vac nominal; see Model Selection Guide for user-selectable voltages
Online Voltage Range	±20% of nominal voltage at full load
Nominal Input	45-65 Hz, 50/60 Hz, auto-sensing
Frequency	
Input Protection	120V models: Resettable circuit breaker 230V models: AC source overcurrent protection device (required)
Connection	Input 5-15P, Output (4) 5-15R

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	±0.1 Hz of nominal frequency
Regulation	
Voltage Wave Shape	Sine wave (during normal and battery operation)
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 or USB (UPS ships with USB and serial communications cables)
Power Factor	500 VA: 0.64; 750/1000 VA: 0.67; 1400 VA: 0.67.

1. Due to continuing improvement, program specifications are subject to change without notice. Battery runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.

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	In and out RJ11 jack for telephone/modem protection
Protector	(120V models only) or RJ45 for 10Base-T network cable; UL497A tested

Environmental and Safety

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
Operating Temp	0 to 40°C (32 to 104°F); UL tested 25° (77° F)
Transit/Storage Temp	-15 to 55°C (5 to 131°F)
Audible Noise	<45 dBA, typical
Relative Humidity	5-95% non-condensing

5115 MODEL SELECTION GUIDE

Model	Part Number	Rating (VA/Watts)	Input Connection	Output Connections	Dimensions (HxWxD, in/mm)	Unit Weight (lb/kg)
120 Vac; 50/60 Hz auto-sensing						
5115 500	05146548-5591	500/320	5-15P	(4) 5-15R	7.6 x 5.9 x 10.6/193 x 150 x 270	17.2/7.8
5115 750	05146554-5591	750/500	5-15P	(4) 5-15R	7.6 x 5.9 x 13.2/193 x 150 x 335	27.3/12.4
5115 1000	05146560-5591	1000/670	5-15P	(6) 5-15R	7.6 x 5.9 x 13.2/193 x 150 x 335	27.8/12.6
5115 1400	05146566-5591	1400/950	5-15P	(6) 5-15R	7.6 x 5.9 x 15.4/193 x 150 x 390	37.0/16.8
230 Vac; 50/60 Hz auto-sensing						
5115 500i	05146549-5591	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
5115 750i	05146555-5591	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
5115 1000i	05146561-5591	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
5115 1400i	05146567-5591	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

TAA Compliant SKUs Eaton now offers TAA Compliant SKUS for the 5115. Please visit www.eaton.com/taaup for model specific information.

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.