

Eaton 5P 1U Lithium-ion UPS technical specifications

Model overview

Catalog	Power rating			Dimensions	Weight	
number	(VA/watts)	Input	Output	(HxWxD, in.)	(lb.)	
5P Rackmount 1U 200-240 V, 50/60 Hz Models						
5P1550GR-L	1550/1100	C14	6 x C13	1.7" (1U) x 17.2" x 21.8"	35	

Catalog number	Power rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)	
5P Rackmount 1U 120 V, 50/60 Hz Models						
5P1500R-L	1440/1100	5-15P	5 x 5-15R	1.7" (1U) x 17.2" x 21.8"	35	

Runtime Data

Load (watts)	110W	220W	330W	440W	550W	660W	770W	880W	990W	1100W
5P1550GR-L	70	34	21	14	11	9	7	6	5	4
5P1500R-L	70	34	21	14	11	9	7	6	5	4

^{****}Runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc. View interactive runtime graphs at www.eaton.com/5PRM

Additional specifications

General	5P Rackmount			
Graphical LCD	Graphical display – UPS status in a single view			
LED's	Three status-indicating LEDs			
Topology	Line-interactive			
Configuration	Rack 1U & wallmount			
Color	Blue and black			
Diagnostics	Full system self-test at power up			
Warranty	5 years on the UPS and batteries with product registration			
Rail kit (Rack Models)	4-post rail kit and wall-mount kit (included) Optional 2-post rail kit (1U kit): RK2PA			
Remote emergency power off	ROO and RPO: Rear connector for remote on/off and power off			
Contents (Ships with the following items)	UPS Quick start guide 4-post rail kit Extra wall mounting ear USB cable RS-232 serial cable G-Models only: 2 IEC-to-IEC jumper cables Output cable locking system			

Nominal voltage	Electrical input						
120V: 100/120/126 V		230V (G mod	el): 200/208/220/230/240 V				
High Voltage: 230 V Low Voltage: 120 V							
Low Voltage: 120 V	Default voltage						
Input voltage range	Doraun Voltage						
230 V: 160-294 V 120 V: 89-151 V Frequency So/60 Hz Frequency range So Hz: 47-70 Hz So/60 Hz Frequency range So Hz: 47-70 Hz So Hz: 47-80 Hz So Hz: 47-8	Input voltage range						
120 \times 2 \times 3 \times 15 \t	input voltage range						
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Frequency range	Frequency	<u> </u>					
Beletrical output							
Description Communications Communi	Troquency range						
Combination 230 V: 184-256 V (-20% -+15%) 120 V: 96-138	Electrical output						
120 \text{ '96-138 \text{ '} (-20% - +15%)} \) On battery voltage regulation -10%, +6% of nominal		230 V: 184-256 V (-20% - +15%)					
On battery voltage regulation -10%, +6% of nominal Efficiency Normal or line mode: ≥97% above 60% load Frequency tolerance ±0.1 Hz on battery Over current protection Electronic current limit on battery Load segments Two load segments plus master for manual or automated control (allows load shedding for extended runtime, sequenced startup, equipment cycling) Battery Battery management Lithium Iron Phosphate (LFP) battery module Battery management Lithium-ion Battery Management System (BMS) (provides advanced monitoring and management for safety and performance) Battery replacement User-replaceable lithium-ion battery module (Li-ion battery designed to last the life of the UPS up to 8 years) Start on battery Cold-start enabled; first cold start is always forbidden Communications RS-232 (RJ45) port Communication ports RS-232 (RJ45) port Communications card slot (optional) Gigabit Network Card (Network-MS) Modebus Card (Modbus-MS) Relay Card (Relay-MS) Power management software Eaton Intelligent Power Manager Software; www.eaton.com/managesmarter Environmental & standards Yes REACH compliance Yes Surge protection	, , ,						
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5P1500R-L 68* (266**) 696	5P1550GR-L						
	5P1500R-L	68* (266**)	696				

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

^{*}Full load in normal mode without buck/boost.

**Energy loss increases if buck/boost is active, up to 266 BTU/hr worst-case in maximum boost mode.