

Eaton 5P Lithium-ion rackmount UPS

Product brochure



Eaton's 5P Lithium-ion battery pack with on-board battery management, monitors battery life, charging cycles and temperature keeping users in the know.

Delivering business continuity and advanced management for edge computing environments

Progression in battery technology and remote management come together to make the 5P Lithium-ion rackmount UPS a necessity for edge computing environments. The lithium-ion UPS' "set it and forget it" value proposition, allows IT managers to easily deploy the 5P without the maintenance and refresh challenges of a UPS utilizing lead-acid batteries.

Building on the success of the 5P UPS platform, Eaton has reduced the weight, improved performance and lengthened our warranty. These added benefits, in combination with the extended life of the product, provide IT managers with the opportunity to align their UPS refresh cycles with the rest of IT stack, saving time and money spent on labor and replacement batteries.



Value-added benefits for the 5P Lithium-ion:

Performance

- **2-3X longer lifespan** allows users to "set it and forget it" — a perfect value-add for remote edge environments.

Safety

- **On-board battery management system (BMS)** monitoring in combination with proven Lithium Iron Phosphate (LiFePO₄) chemistry provides a reliable and safe offering.

Installation

- **Lightweight design** (30% less than a standard lead-acid UPS) in combination with versatile mounting options allow for quick deployment.

Resiliency

- **6x faster recharge** following power disruptions reduces vulnerability and improves runtime.

Intelligence

- **BMS provides up-to-date insight** into battery performance, charge cycles and active temperature monitoring to keep user informed on the lifecycle of their UPS battery.

Guarantee

- **5 years all-inclusive** (electronics and battery) warranty, provides peace of mind for customers.

5p Lithium-Ion Rackmount Selection Guide

Catalog number	Description	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in	Net weight, lb
1U Global Rackmount, 208V/230V, 50/60Hz model						
5P1550GR-L	5P 1550VA Lithium-ion UPS	1550/1100	C14	(6) C13	1.7 (1U) x 17.2 x 21.8	33

5P Lithium-ion Options

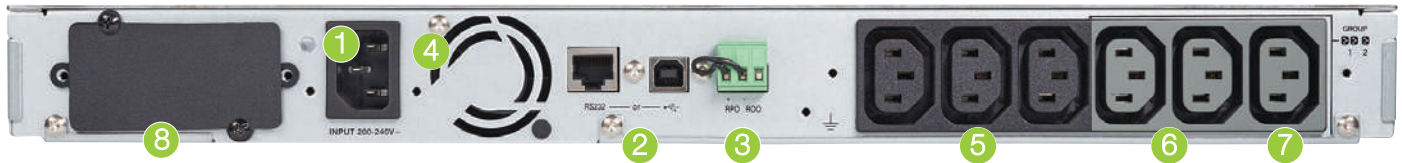
Catalog number	
Connectivity	Catalog number
NETWORK-MS	Network Card-MS
RELAY-MS	Relay / Serial Interface Card
116750224-001	Environmental Monitoring Probe
Mounting hardware	
RK2PA	1U two-post rail kit (optional) for all models except 5P550R

What's in the box

- 5P UPS
- Quick start guide
- USB cable
- RS-232 serial cable
- 4-post rail kit
- 2 IEC-to-IEC jumper cables
- Output cable locking system
- Input cable locking system

Rear panel overview

Model: 5P1550GR-L



- 1 C14 Input
- 2 RS-232 serial communications port and USB port (cable included)
- 3 Remote power off (RPO) and remote on/off (ROO) port
- 4 Ground bonding screw
- 5 Primary outlets: (3) C13 always on
- 6 Load segment group 1: (2) C13 managed outlets
- 7 Load segment group 2: (1) C13 managed outlets
- 8 Network card slot

By the numbers: 5P 1U 1500 VA UPS

Characteristic	VRLA battery	Lithium-ion battery	Lithium-ion benefit
Average battery lifespan	3–4 years	8 years	2–3X longer life
Recharge time to full capacity	24 hours	4 hours	6X faster recovery
Battery weight	19 lb.	11 lb.	40% lighter weight
Battery replacement cost	\$400*	\$0	\$0 OpEx expenditure
Warranty	3 years	5 years	2X warranty coverage

*Battery and labor cost for one replacement



1300 662 435
poweronaustralia.com.au

Power On Australia Pty Ltd - ABN 48 110 752 442

Unit 20, 256–258 Musgrave Road, Coopers Plains Qld 4108 (Head Office)
 Po Box 5322, Daisy Hill QLD 4127