



Powering Business Worldwide

Eaton 5P G2 36V Lithium-Ion Extended Battery Module (EBM) for 5P G2 UPS Systems, 2U Rack/Tower

MODEL NUMBER: **5PEBM36VRT-L**



Provides extended runtime for compatible 5P G2 UPS systems in space-constrained areas such as schools, quick-service restaurants and retail backrooms.

Features

Lithium-Ion Backup Battery Gives Your Compatible Eaton UPS System Extended Runtime

The lithium-ion (LiFePO₄) 5PEBM36VRT-L extended battery module (EBM) offers extra runtime when used in conjunction with Eaton's 2U rack-mount 5P G2 lithium-ion UPS systems. It can also be daisy-chained for a maximum of four matching battery modules to deliver even longer extended-run operation. Heavy-gauge cabling with high-current DC connectors is included for safe, simple installation.

A "Set It and Forget It" Solution

Compared to lead-acid batteries, lithium-ion batteries have a longer service life (up to 10 years), weigh less, recharge faster and require fewer maintenance visits, saving you time and money. You can mount the 5PEBM36VRT-L in 2U of space in an EIA-standard 19-inch rack using the included hardware and cabling or use it in a tower orientation.

Specifications

OVERVIEW	
UPC Code	786689959111
INPUT	
Input Phase	Single-Phase
BATTERY	
Battery Type	Lithium-ion (LiFePO ₄)
DC System Voltage (VDC)	38.4

Highlights

- Connects to expandable 2U Eaton 5P G2 lithium-ion UPS systems to add critical runtime
- Includes heavy-gauge battery cabling with high-current 36V DC connectors
- Daisy-chain connector supports additional battery packs for even longer runtime

System Requirements

Compatible with Eaton's 5P1000RT2UG2-L, 5P1000RT2UNG2-L, 5P1550RT2UG2-L and 5P1550RT2UNG2-L 5P G2 lithium-ion UPS systems

Package Includes

- 5PEBM36VRT-L 36V Lithium-Ion Extended Battery Module
- Power and communication cables
- Rack-mounting hardware
- User documentation



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Internal UPS Replacement Battery Cartridge	EBP-1004-L
Battery Replacement Description	Hot-swappable, user replaceable batteries.
Typical Battery Lifespan	up to 10 years
PHYSICAL	
Rack Height	2U
External Battery Pack Form Factor	Rack/Tower
Installation Form Factors Supported with Included Accessories	2 post 19 inch rackmount; 4 post 19 inch rackmount; Tower
Minimum Required Rack Depth (cm)	41.15
Minimum Required Rack Depth (inches)	16.2
Shipping Dimensions (hwd / in.)	8.27 x 22.87 x 14.80
Shipping Dimensions (hwd / cm)	21.01 x 58.09 x 37.59
Shipping Weight (lbs.)	27.80
Shipping Weight (kg)	12.61
Unit Dimensions (hwd / in.)	3.370 x 17.240 x 11.100
Unit Dimensions (hwd / cm)	8.56 x 43.79 x 28.19
Unit Weight (lbs.)	20.700
Unit Weight (kg)	9.39
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-13° to 122°F (-25° to 50°C)
Relative Humidity	0 - 95% Non Condensing
Operating Elevation	0 - 9842.5 FT (0 - 3000 Meters)
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 107.3 (Canada); EN 62040-1; NOM (Mexico); UL 1778; UL 1973; cTUVus
Product Compliance	FCC Part 15 Class B (USA); REACH; RoHS; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	5-year limited warranty