

Specifications

Eaton 5P1550GR-L

Eaton 5P UPS, Global, 1U UPS, 1550 VA, 1100W, Input: (1) C14, Outputs: (6) C13, Rackmount/Wallmount, Lithium-ion battery, true sine wave, network card optional

General specifications

PRODUCT NAME	Eaton 5P UPS
CATALOG NUMBER	5P1550GR-L
MODEL CODE	Eaton 5P1550 Lithium-ion Rack 1U
UPC	743172090409
PRODUCT LENGTH/DEPTH	21.8 in
PRODUCT HEIGHT	1.7 in
PRODUCT WIDTH	17.2 in
PRODUCT WEIGHT	36 lb
COMPLIANCES	FCC Part 15 Class A Subpart B Sections 15.107b , 15.109b RoHS Compliant CE Marked
CERTIFICATIONS	UL 1778 UL 497A cUL Listed cULus Listed IEC 62040-2 C1-C2 / EN 55024 / CISPR22 Class B / FCC part 15 Class B

Battery

RUNTIME GRAPH	\$row.attributeValue.cdata
BATTERY MANAGEMENT	Integrated battery management system (BMS) for temperature regulation and life cycle monitoring
BATTERY REPLACEMENT	User replaceable
BATTERY TYPE	Lithium-ion

Electrical input

INPUT CONNECTION	C14
INPUT VOLTAGE RANGE	160-294 V (adjustable to 150 V-294 V)
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40-70 Hz in low-sensitivity mode
INPUT POWER FACTOR	1

Environmental

ALTITUDE	Up to 10,000 ft (3000m) without de-rating
BTU RATING	Online: 113, Battery 714
NOISE LEVEL	<45 dB at 1 meter
RELATIVE HUMIDITY	0-90% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

Electrical output

RECEPTACLE	(6) C13
TOPOLOGY	Line-interactive
WATTAGE	1100 W
VA RATING	1550 VA
OUTPUT WAVEFORM	Sine wave
VOLTAGE	230V
OUTPUT POWER FACTOR	0.7
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
OUTPUT FREQUENCY	50/60 Hz
FEED TYPE	1

Communications

COMMUNICATION	RS-232 (RJ45) ports; USB port as standard (HID). 6-foot RS-232 and USB cables included
EXPANSION SLOTS	One slot; Gigabit Network Card (Network-M2) is optional
ETHERNET INTERFACE	No
INCLUDES NETWORK CARD	No
SOFTWARE COMPATIBILITY	Eaton Intelligent Power Manager
USER INTERFACE	LCD graphical display
TYPE OF INTERFACE	Other
POTENTIAL FREE SWITCH CONTACT	Yes

Additional specifications

SPECIAL FEATURES	Eaton 5P UPS with lithium-ion batteries
FORM FACTOR	Rack
RACK SIZE	1U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	97
PACKAGE CONTENTS	• UPS

- Quickstart guide
- USB cable
- RS-232 serial cable
- 4-post rail kit
- (2) IEC-IEC cables
- Cable locking system
-

PHASE (INPUT)	1
PHASE (OUTPUT)	1
AUTO SHUTDOWN FUNCTION	Yes

Resources	
APPLICATION NOTES	Eaton 5P 2U UPS firmware upgrade instructions
BROCHURES	5-series UPS overview brochure
	Eaton 5P Lithium-ion rackmount UPS brochure
	5P Lithium-ion Battery Brochure
	Eaton UPS and battery services - EN
	Eaton Lithium-ion battery benefits
DRAWINGS	Eaton 5P UPS visio stencils
	Eaton 5P UPS 3D drawings
MANUALS AND USER GUIDES	Eaton 5P UPS quick start guide
	5P lithium-ion technical specifications
	Eaton 5P1550GR-L installation and user manual
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 5P1550GR-L
WARRANTY GUIDES	Eaton limited warranty

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

