Servers, networks, storage, virtualized environments



5P Gen2 650-1550VA

The smart and secure way to power your IT edge environments.



Power and efficiency in a compact design

Enhance your operations with the Eaton 5P Gen 2 UPS, delivering up to 1350 Watts—**22% more power** than its predecessor and 35% above competitors—in a compact 1U form factor.

It ensures stable, high-quality output for sensitive equipment and increased efficiency, **reducing energy consumption and costs**.

Intelligent load segment control **prioritises critical devices** and optimises battery runtime.

Secure, smart, and integrated

The Eaton 5P Gen 2 UPS together with the **cybersecured** gigabit network card (included in the Netpack versions), meet stringent cybersecurity standards.

Remote management features offer secure UPS configuration and firmware updates, while the Brightlayer Software Suite provides seamless integration with virtualization environments and cloud services, ensuring **continuous service and integrity.**

Optimized battery management, easy maintenance, total flexibility

Benefit from a prolonged battery life (up to 50%) and **machine learning predictive** maintenance with Eaton's ABM+ technology.

User hot-swappable batteries and intuitive battery replacement wizard through graphical LCD display.

Whether with the 1U rack format or a compact tower option, the Eaton 5P Gen 2 **UPS fits to your space requirements**, ensuring compatibility for various setups.

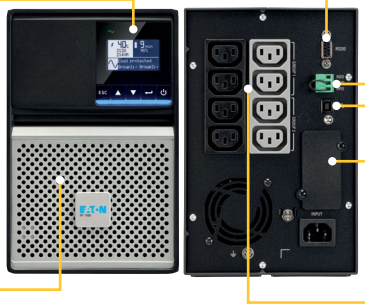
Learn more:

Eaton 5P Gen2

Powering Business Worldwide

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- Graphical LCD display:
  - Clear information on UPS status and measurements
  - Enhanced configuration capabilities
  - Available in 7 languages
- Panel for battery replacement (Hot-swappable)



- 1 serial port
- ROO/RPO
- 1 USB port
- Communication card slot
- 8 IEC 10A sockets with energy metering (including 4 remote controlled sockets)

5P Gen2 1550 Tower model

Technical specifications

	650	850	1150	1550
Rating (VA/W)	650VA / 520W	850VA / 680W	1150VA / 920W	1550VA / 1350W
Format	Tower or Rack 1U	Tower or Rack 1U	Tower or Rack 1U	Tower or Rack 1U
Electrical Characteristics				
Technology	Line-Interactive High Frequency (Pure Sinewave, Booster + Fader)			
Input nominal voltage	200V-240V			
Input voltage range without using batteries	160V-294V (adjustable to 150V-294V)			
Input frequency range without using batteries	47 to 70 Hz (50 Hz system), 56.5 to 70 Hz (60 Hz system), 40 Hz in low-sensitivity mode			
Output voltage	230V (+6 / -10 %) (Adjustable to 200V / 208V / 220V / 230V / 240V), 50 / 60 Hz + / - 0.1 Hz (autosensing)			
Connections				
Input	IEC C14 (10A)			
Outputs Tower models	4 x IEC C13 (10A)	6 x IEC C13 (10A)	8 x IEC C13 (10A)	8 x IEC C13 (10A)
Outputs Rack 1U models	4 x IEC C13 (10A)	4 x IEC C13 (10A)	6 x IEC C13 (10A)	6 x IEC C13 (10A)
Switched outlets groups	2 outlet groups			
Batteries				
Typical backup times *				
200W	12	26	34	56
300W	5.5	15	19	35
400W	3	10	13	24
600W		5	7.5	14
800W			4	8
1000W				5
Battery management	Eaton ABM + or constant voltage charging method (user selectable), enhanced battery life time prediction based on usage conditions, battery exchange wizard, automatic battery test, deep discharge protection			
Interfaces				
Communication ports	1 USB port + 1 serial RS232 port and relay contacts (USB and RS232 ports cannot be used simultaneously), 1 mini terminal block for Remote ON/OFF and Remote Power OFF			
Communication slot	1 slot for Network-M3 (included in Netpack version), INDGW-M2 or Relay-MS cards			
Operating conditions, Compliances and Certifications				
Operating temperature	0 to 40°C			
Noise level	<30 dB @ typical load			<35dB @ typical load
Safety	IEC/EN 62040-1, UL1778, CSA22.2			
EMC, Performance	IEC/EN 62040-2, IEC / EN 62040-3, FCC Class B, CISPR 32 Class B			
Approvals	CE / CB report (TUV) / cTUVus / UKCA / Ukr / Cm			
EcoDesign	RoHS, REACH, WEEE, Packaging directive, Battery directive, PEP Ecopassport			
Dimensions W x D x H / Weight				
Tower models	150x345x233mm / 7,9kg	150x345x233mm / 10,2kg	150x345x233mm / 11kg	150x445x233mm / 15,1kg
Rack 1U models	438x361x43,2mm / 8,6kg	438x509x43,2mm / 13,7kg	438x509x43,2mm / 14,2kg	438x555x43,2mm / 18,7kg
Customer Service & Support				
Warranty	3 years on electronics, 2 years on battery (3 years full warranty upon registration)			

* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

Part Numbers	**650**	**850**	**1150**	**1550**
Tower models	5P650IG2	5P850IG2	5P1150IG2	5P1550IG2
Rack 1U models	5P650IRG2	5P850IRG2	5P1150IRG2	5P1550IRG2
Rack 1U Netpack models**	5P650IRNG2	5P850IRNG2	5P1150IRNG2	5P1550IRNG2

** Network Management Card included as standard in Netpack versions

In the interest of continuous product improvement, all specifications are subject to change without notice.

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