



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.

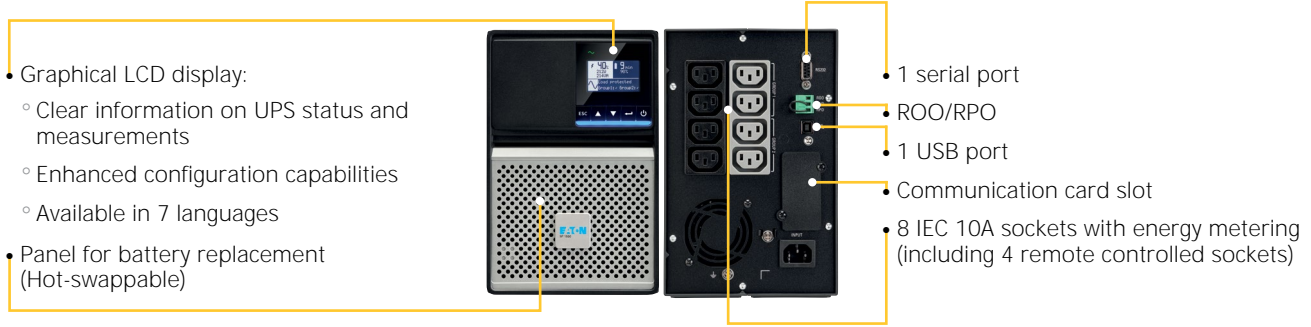
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Powering Business Worldwide

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Eaton 5P Gen2



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.