# 5P Gen2 650-1550VA

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

### 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.**

### 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.

### 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.
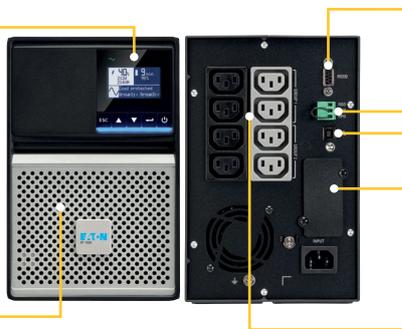
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*Powering Business Worldwide*

**Learn more:**

**Eaton 5P Gen2**

- 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

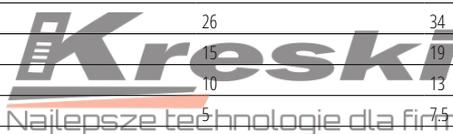| | 650 | 850 | 1150 | 1550 |
|---|---|---|---|---|
| Rating (VA/W) | 650VA / 520W | 850VA / 680W | 1150VA / 920W | 1550VA / 1350W |
| Format | Tower or Rack 1U | Tower or Rack 1U | Tower or Rack 1U | Tower or Rack 1U |
| **Electrical Characteristics** | | | | |
| Technology | Line-Interactive High Frequency (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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