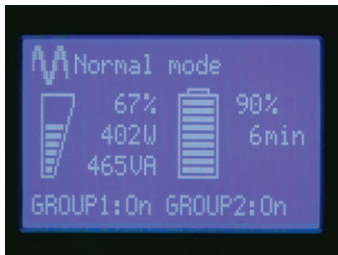


Eaton 5P UPS

650VA-1550VA



Available in tower and rack 1U format



Intuitive LCD

Ideal for protecting:

- Servers
- Networking
- Storage devices



Eaton 5P is an energy efficient line-interactive UPS with advanced LCD and energy metering features.

Manageability

- The new graphical LCD display provides clear information on the UPS's status and measurements on a single screen (in seven languages). Enhanced configuration capabilities are also available with easy-to-use navigation keys.
- The 5P can meter energy consumption providing kWh values through the LCD and Eaton's power management software.
- Load segment control enables prioritised shutdowns of non-essential equipment during outages in order to maximise battery runtime for critical devices. Load segment control can also be used to remotely reboot locked-up network equipment or to manage scheduled shutdowns and sequential start-ups.
- The 5P offers Serial and USB connectivity, plus an extra slot for an optional communication card (including SNMP/ Web card or relay contact card). Eaton's Intelligent Power® Software Suite compatible with all major OS including virtualisation software such as VMware and Hyper-V is included with each UPS.

Performance and efficiency

- Energy efficient UPS: With an optimised electrical design, the 5P provides up to 98% efficiency, reducing cooling and utility costs.
- Pure sinewave output: When operating in battery mode the 5P provides a high quality output signal for any sensitive equipment connected, such as active PFC (power factor corrected) servers.
- Adjustable tolerance and sensitivity: Users can maximise useful battery life by widening the input voltage window or adjustable input waveform sensitivity (via the LCD or software) to adapt the UPS to a specific environment (like Genset).

Availability and Flexibility

- The 5P is available in tower or Rack 1U format, providing unmatched energy density with up to 1.1kW in only 1U.
- Stronger, longer battery life: Eaton ABM® battery management technology uses an innovative three-stage charging technique that extends batteries by up to 50%.
- Batteries can be hot-swapped without ever having to shut down connected equipment. With an optional, hot-swap maintenance bypass module, you can even replace the entire UPS.

EATON

Powering Business Worldwide

Eaton 5P UPS

- Graphical LCD:
 - Clear information on UPS status and measurements
 - Energy metering
 - Enhanced configuration capabilities
 - Available in seven languages
- Panel for batteries replacement (Hot swappable)



- One USB port + one serial port + remote ON/OFF and remote power OFF connector
- 8 IEC 10A sockets (including two groups of controlled sockets)
- Communication card slot

Eaton 5P 1550i UPS

| TECHNICAL SPECIFICATIONS | 650 | 850 | 1150 | 1550 |
|--|---|---------------------------|---------------------------|---------------------------|
| Rating (VA/W) | 650VA/420W | 850VA/600W | 1150VA/770W | 1550VA/1100W |
| Technology | 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 voltage and frequency ranges without using batteries | 160V-294V (adjustable to 150V-294V) 47 to 70 Hz (50 Hz system), 56.5 to 70 Hz (60 Hz system), 40 Hz in low-sensitivity mode | | | |
| Output voltage and frequency | 230 V (+6/-10 %) Adjustable to 200V / 208V / 220V / 230V / 240V, 50/60 Hz +/- 0.1 % (autosensing) | | | |
| Connections | | | | |
| Input | 1 IEC C14 (10A) | | | |
| Outputs Tower model | 4 IEC C13 (10A) | 6 IEC C13 (10A) | 8 IEC C13 (10A) | 8 IEC C13 (10A) |
| Outputs Rack 1U model | 4 IEC C13 (10A) | 4 IEC C13 (10A) | 6 IEC C13 (10A) | 6 IEC C13 (10A) |
| Switched Outlet Group | 2 outlet groups | | | |
| Battery | | | | |
| Typical backup times at 50 and 70% load* | 9/6 mn | 12/7 mn | 12/7 mn | 13/8 mn |
| Battery management | ABM® & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection | | | |
| Communication | | | | |
| Communication Ports | 1 USB port + 1 RS232 serial 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-MS card, ModBus-MS or Relay-MS cards | | | |
| Operating conditions, standards and approvals | | | | |
| Operating temperature | 0 to 35°C | 0 to 35°C | 0 to 35°C | 0 to 40°C |
| Noise level | <40dB | <40dB | <40dB | <40dB |
| Safety | IEC/EN 62040-1, UL 1778 | | | |
| EMC, Performance | IEC/EN 62040 -2, IEC/EN 62040-3 (Performance) | | | |
| Approvals | CE, CB report (TUV) | | | |
| Dimensions H x W x D / Weight | | | | |
| Tower models | 230*150*345mm/7.8kg | 230*150*345mm/10.4kg | 230*150*345mm/11.1kg | 230*150*445mm/15.6kg |
| Rack 1U models | 43.2(1U)*438*364mm/8.6kg | 43.2(1U)*438*509mm/13.8kg | 43.2(1U)*438*509mm/14.6kg | 43.2(1U)*438*554mm/19.4kg |
| Customer Service & Support | | | | |
| Warranty | 3 years on electronics, 2 years on batteries | | | |

* Runtimes are shown at 0.7 power factor. Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

| Part Numbers | 650 | 850 | 1150 | 1550 |
|--------------|---------|---------|----------|----------|
| Tower | 5P650i | 5P850i | 5P1150i | 5P1550i |
| Rack 1U | 5P650iR | 5P850iR | 5P1150iR | 5P1550iR |

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

