Eaton 5P UPS



Available in tower and rack 1U format

| MNormal mode | |
|---------------------|--|
| 7 67% 📄 90% | |
| 🚽 402W 📕 6min | |
| 🗑 465VA 🗮 | |
| GROUP1:On GROUP2:On | |
| | |

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 nonessential 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 5P UPS

- 1 Graphical LCD:
- Clear information on UPS status and measurements
- Energy metering -
- Enhanced configuration capabilities
- Available in seven languages -
- Panel for batteries 2 replacement (Hot swappable)



- 3 One USB port + one serial port + remote ON/OFF and remote power OFF connector
- 4 8 IEC 10A sockets (including two groups of controlled sockets)
- Communication card slot 5

Eaton 5P 1550i UPS

| TECHNICAL SPECIFICATIONS | 650 | <mark>850</mark> | 1150 | 1550 | | | |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|--|--|--|
| Rating (VA/W) | 650VA/420W | 850VA/600W | 1150VA/770W | 1550VA/1100W | | | |
| Fechnology | Tower or Rack 1U | Tower or Rack 1U | Tower or Rack 1U | Tower or Rack 1U | | | |
| Electrical Characteristics | | | | | | | |
| Fechnology | Line-Interactive High Frequency (Pure Sinewave, Booster + Fader) | | | | | | |
| nput voltage and frequency ranges without ısing 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 | | | | | | |
| Dutput voltage and frequency | 230 V (+6/-10 %) Adjustable to 200V / 208V / 220V / 230V / 240V), 50/60 Hz +/- 0.1 % (autosensing) | | | | | | |
| Connections | | | | | | | |
| nput | 1 IEC C14 (10A) | | | | | | |
| Outputs Tower model | 4 IEC C13 (10A) | 6 IEC C13 (10A) | 8 IEC C13 (10A) | 8 IEC C13 (10A) | | | |
| Dutputs 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 | | | | | | | |
| ypical 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 | | | | | | |
| Dperating conditions, standards and approvals | | | | | | | |
|)perating temeprature | 0 to 35°C | 0 to 35°C | 0 to 35°C | 0 to 40°C | | | |
| loise level | <40dB | <40dB | <40dB | <40dB | | | |
| Safety | IEC/EN 62040-1, UL 1778 | | | | | | |
| MC, Performance | IEC/EN 62040 -2 , IEC/EN 62040-3 (Performance) | | | | | | |
| Approvals | CE, CB report (TUV) | | | | | | |
| Dimensions H x W x D / Weight | | | | | | | |
| ower 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 | | | | | | | |
| Narranty | 3 years on electronics, | 0 | | | | | |

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

www.eaton.eu/5P

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





© 2013 Eaton Corporation All Rights Reserved 5P01DAT Rev A, February 2013



All other trademarks are property of their respective owners.