Network and server
Single phase UPS

Eaton 5P UPS

650/850/1150/1550 VA

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 con□guration 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 ef□cient UPS: With an optimised electrical design, the 5P provides up to 98% ef□ciency, 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 speci□c environment (like Genset).

Availability and Flexibility

- The 5P is available in tower or Rack 1U format, providing unmatched energy density with up to 1.1 kW 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.

Powering Business Worldwide

Eaton 5P UPS

1 Graphical LCD:

- Clear information on UPS status and measurements
- Energy metering
- Enhanced configuration capabilities
- Available in seven languages

2 Panel for batteries replacement (Hot-swappable)

3 One USB port + one serial port + remote ON/OFF and remote power OFF connector

4 8 IEC 10 A sockets (including two groups of controlled sockets)

5 Communication card slot

Eaton 5P 1550i UPS

Technical specifications

	650	850	1150	1550
Rating (VA/W)	650 VA/420 W	850 VA/600 W	1150 VA/770 W	1550 VA/1100 W
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	160 V-294 V (adjustable to 150 V-294 V) 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 Adjustable to 200V / 208V / 220V / 230V / 240V), 50/60 Hz +/- 0.1 % (autosensing)			
Connections				
Input	1 IEC C14 (10 A)			
Outputs Tower model	4 IEC C13 (10 A)	6 IEC C13 (10 A)	8 IEC C13 (10 A)	8 IEC C13 (10 A)
Outputs Rack 1U model	4 IEC C13 (10 A)	4 IEC C13 (10 A)	6 IEC C13 (10 A)	6 IEC C13 (10 A)
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 or constant voltage charging method (user selectable), automatic battery test, deep discharger 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 temeprature	0 to 35°C	0 to 35°C	0 to 35°C	0 to 40°C
Noise level	<40 dB	<40 dB	<40 dB	<40 dB
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*345 mm/7.8 kg	230*150*345 mm/10.4 kg	230*150*345 mm/11.1 kg	230*150*445 mm/15.6 kg
Rack 1U models	43.2(1U)*438*364 mm/8.6 kg	43.2(1U)*438*509 mm/13.8 kg	43.2(1U)*438*509 mm/14.6 kg	43.2(1U)*438*554 mm/19.4 kg
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

vmware READY MANAGEMENT AND ORCHESTRATION

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