Eaton 5P UPS
650 - 1550VA

Superior manageability and energy metering capabilities for better IT decision-making

Manageability

- The 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.
- **Meters energy consumption** and provides kWh values through the LCD and Intelligent Power® Software.
- Load segment control enables prioritised shutdowns of nonessential equipment 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 virtualization software such as VMware and Hyper-V is included with each UPS.

Performance and Efficiency

- With an optimised electrical design, the 5P can provide up to 98% efficiency, contributing to lower 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.

Availability and Flexibility

- 5P is available as a tower or rack form factor to cater for varied deployment applications.
- Stronger, longer battery life: Eaton ABM® battery management technology uses an innovative three-stage charging technique that only recharges the battery when necessary, so the battery experiences less corrosion and service life is prolonged 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.

Ideal for protecting:
- Servers
- Switches
- Routers
- Storage devices

Tower or Rack form factor

Intuitive LCD display for ease of configuration and management

EAT•N
Powering Business Worldwide

What's in the box:

Tower:
• 5P Tower UPS
• Quick Start guide & safety instructions
• User manual and software suite CD
• RS232 & USB communications cables

What's in the box:

Rack:
• 5P 1RU Rack UPS
• Quick Start guide & safety instructions
• User manual and software suite CD
• RS232 & USB communications cables
• 2 x output IEC (10A) cables
• Output cables retention bracket
• 1RU rack kit (ears only for 650VA)

Eaton 5P 1550 tower and rack

1. **Communications card slot**
2. **Remotely switchable outlet groups**
3. **Remote On/Off, Remote Power Off terminal**
4. **USB Port**
5. **Serial Port**
6. **Primary outlet group**

Technical Specifications	650	850	1150	1550
Rating (VA/W)	650VA/420W	850VA/600W	1150VA/770W	1550VA/1100W
Format	Tower or 1RU Rack			
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	Tower: Fixed line cord 10A AU 1.8mtr Rack: IEC C14 (10A) socket	Tower: Fixed line cord 10A AU 1.8mtr Rack: IEC C14 (10A) socket	Tower: Fixed line cord 10A AU 1.8mtr Rack: IEC C14 (10A) socket	Tower: Fixed line cord 10A AU 1.8mtr Rack: IEC C14 (10A) socket
Outputs	Tower: 2 x AU 10A, 3 x IEC C13 (10A) Rack: 4 x IEC C13 (10A)	Tower: 2 x AU 10A, 3 x IEC C13 (10A) Rack: 4 x IEC C13 (10A)	Tower: 2 x AU 10A, 3 x IEC C13 (10A) Rack: 6 x IEC C13 (10A)	Tower: 2 x AU 10A, 3 x IEC C13 (10A) Rack: 6 x IEC C13 (10A)
Remotely controlled sockets	Tower: 2 x 10A AU individually switched	Tower: 2 x 10A AU individually switched	Tower: 2 x 10A AU individually switched	Tower: 2 x 10A AU individually switched
	Rack: 2 x IEC C13 (10A) individually switched	Rack: 2 x IEC C13 (10A) individually switched	Rack: 3 x IEC C13 (10A), grouped 2+1 switched	Rack: 3 x IEC C13 (10A), grouped 2+1 switched
Batteries Typical backup times for 50 and 70% load*				
5P	9/5.5 mins	12/7.5 mins	12/7.5 mins	13/8.5 mins
Battery management	ABM® & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection, to automatic recognition of external battery units.			
Interfaces				
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 or Remote Power Off			
Communications card slots	1 slot for NETWORK-MS, MODBUS-MS or RELAY-MS cards			
Operating conditions, standards and approvals				
Operating temperature	Models 650, 850 & 1550 = "0-35°C", Model 1550 = "0-40°C"			
Noise Level	< 40dBA			
Performance - Safety - EMC	IEC/EN 62040-1-1 (Safety), IEC/EN 62040-2 (EMC), IEC/EN 62040-3 (Performance), C-Tick			
Approvals	CE, CB report, TÜV			
Dimensions W x D x H / Weight				
UPS Dimensions (mm) & weight (kg)-Tower	150 x 345 x 230mm / 7.8kg	150 x 345 x 230mm / 10.4kg	150 x 345 x 230mm / 11.1kg	150 x 445 x 230mm / 15.6kg
UPS Dimensions (mm) & weight (kg) - Rack	438 x 364 x 43.2mm(1RU) / 8.6kg	438 x 509 x 43.2mm(1RU) / 13.8kg	438 x 509 x 43.2mm(1RU) / 14.6kg	438 x 554 x 43.2mm(1RU) / 19.4kg
Customer Service & Support				
Warranty	3 years on electronics, 2 years on batteries			
Part Numbers				
5P Tower	5P650AU	5P850AU	5P1150AU	5P1550AU
5P Rack	5P650iR	5P850iR	5P1150iR	5P1550iR

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

EAT•N
Powering Business Worldwide

Switch ON to Eaton.

Eaton Australia
1300 UPS UPS
www.eaton.com/powerquality
AustraliaSales@eaton.com

Eaton New Zealand
0508 EATON NZ
www.eaton.com/powerquality
NZSales@eaton.com