Eaton 5P UPS
650 – 1550VA

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

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

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-Vis 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 AB M® 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.

Eaton SP 1550 tower and rack

What's in the box:
Tower:

- 5P Tower UPS
- Quick Start guide & safety instructions
- User manual and software suite CD
- RS232 & use communications cables

What's in the box:
Rack:

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

1. Communications card slot
2. Remotely switchable outlet groups
3. Remote On/0ff, 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 Hzsystem), 56.5 to 70 Hz(60 Hzsystem),40 Hzin 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) C13 (10A) Rack: 6 x IEC C13 (10A)	Tower: 2 x AU 10A,3 x IEC Rack:6xIECC13(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 = "0-35⁰C",Model 1550 = "0-40⁰C"				
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,TUV				
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.

F·A·T·O·N
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