Network and server
Single phase UPS

Eaton 5PX UPS

1500/2200/3000 VA



Rack/Tower versatile



Intuitive LCD display for ease
of configuration and management

Advanced protection for:

- Servers
- Switches
- Routers
- Storage devices



Exceptional efficiency, manageability and energy metering capabilities for IT managers

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.
- For the first time in the industry the 5PX can meter energy consumption right down to the managed outlet groups. kWh values can be monitored using the LCD or Eaton's Intelligent Power Software Suite.
- 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 5PX 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 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 5PX can provide up to 99% efficiency, reducing cooling and utility costs.
- With a power factor of 0.9, the 5PX delivers more real output power. It powers more servers than other UPSs with equivalent VA ratings and lower power factors. The 5PX is compatible with all modern IT equipment.
- When operating in battery mode the 5PX provides a high quality output signal for any sensitive equipment connected, such as active PFC (power factor corrected) servers.

Availability and Flexibility

- The 5PX is available in a rack/tower convertible version - pedestal and rail kits are included with all models at no extra charge.
- 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.
- There is also the possibility to add more runtime with up to four external hot-swappable battery modules, able to run systems for hours if necessary. The additional battery modules are automatically recognised by the UPS.

Powering Business Worldwide

Eaton 5PX UPS

1 Graphical LCD display :
- Clear information on UPS status and measurements
- Enhanced configuration capabilities
- Available in 7 languages

2 Panel for batteries replacement (Hot-swappable)



Eaton 5PX 3000i RT2U

3 1 USB port + 1 serial port + remote ON/OFF and remote power OFF inputs

4 External battery (EBM) connector

5 8 IEC 10 A + 1IEC 16 A sockets with energy metering (including 4 programmable sockets)

6 Communication card slot

Technical specifications

	1500	2200	3000
Rating (VA/W)	1500 VA / 1350 W	2200 VA / 1980 W	3000 VA / 2700 W
Format	RT2U (tower / rack 2U)	RT2U (tower / rack 2U)	RT2U & RT3U
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 (+6/-10%) (Adjustable to 200 V / 208 V / 220 V / 230 V / 240 V), 50/60 Hz +/- 0.1% (autosensing)		
Connections			
Input	1 IEC C14 (10 A) socket	1 IEC C20 (16 A) socket	1 IEC C20 (16 A) socket
Outputs	8 IEC C13 (10 A)	8 IEC C13 (10 A) sockets 1 IEC C19 (16 A) socket	8 IEC C13 (10 A) sockets 1 IEC C19 (16 A) socket
Remotely controlled sockets	2 groups of 2 x IEC C13 (10 A)		
Additional outputs with HS MBP	4 FR/Schuko sockets or 3 BS sockets or 6 IEC 10 A sockets or terminal blocks (HW version)		
Additional outputs with FlexPDU	8 FR/Schuko sockets or 6 BS sockets or 12 IEC 10 A sockets		
Batteries			
Typical backup times for 50 and 70% load*			
5PX	19/11 mn	15/8 mn	14/9 mn
5PX + 1 EBM	90/54 mn	60/35 mn	66/38 mn
5PX + 4 EBM	285/180 mn	210/125 mn	213/121 mn
Battery management	ABM® and temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, 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 and Remote Power Off		
Communications card slots	1 slot for NMC Minislot card (included in Netpack versions) or NMC ModBus/JBus or MC Contacts/Serial		
Operating conditions, standards and approvals			
Operating temperature	0 to 40°C		
Noise Level	< 45 dBA	< 45 dBA	< 50 dBA
Performance - Safety - EMC	IEC/EN 62040-1 (Safety), IEC/EN 62040-2 (EMC), IEC/EN 62040-3 (Performance),		
Approvals	CE, CB report, TÜV		
Dimensions W x D x H / Weight			
UPS Dimensions	441 x 522 x 86.2 (2U) mm	441 x 522 x 86.2 (2U) mm	441 x 647 x 86.2 (RT2U) mm 441 x 497 x 130.7 (RT3U) mm
UPS Weight	27.6 kg	28.5 kg	38.08 (RT2U) - 37.33 (RT3U)
Dimensions of EBM	same as UPS		
Weight of the EBM	32.8 kg	32.8 kg	46.39 (RT2U) - 44.26 (RT3U)
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	1500	1500 Netpack*	2200	2200 Netpack*	3000 (RT3U)	3000 Netpack* (RT2U)
UPS	5PX1500iRT	5PX1500iRTN	5PX2200iRT	5PX2200iRTN	5PX3000iRT3U	5PX3000iRTN
EBM	5PXEBM48RT	5PXEBM48RT	5PXEBM48RT	5PXEBM48RT	5PXEBM72RT3U	5PXEBM72RT2U

* Network Management Card included as standard in Netpack versions

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