

# Eaton 5PX Gen2 UPS

1000-3000W



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

##### Performance and efficiency

- Eaton 5PX Gen 2 provides Unity power factor (W=VA) capability. With 11% more power than other UPS it can protect more servers.
- Energy Star 2.0 certified, 5PX Gen2 offers best-in-class efficiency performance to reduce energy consumption and cooling costs.
- 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.
- Each 5PX Gen2 battery configuration provides the best size/runtime ratio.

##### Management and Cybersecurity

- Innovative graphical LCD display brings all operating information at first sight. It also enhances commissioning and configuration capabilities.
- 5PX Gen2 Netpack models are delivered with Eaton Gigabit network management card, which provides Dual cybersecurity certifications (UL 2900-1 & IEC 62443-4-2) and enables connection to Eaton Cyber Secured Monitoring solutions.
- Together with 5PX Gen2, Eaton Gigabit network management card allows both remote UPS settings and remote firmware upgrade to ensure easy deployment (fleet management) and reduced maintenance cost.
- 5PX Gen2 meters energy consumption right down to the managed outlet groups. kWh values can be monitored using the LCD or Eaton's Intelligent Power Software.
- Eaton's Intelligent Power Software seamlessly integrates with leading virtualization environments and cloud orchestration tools.

##### Availability and flexibility

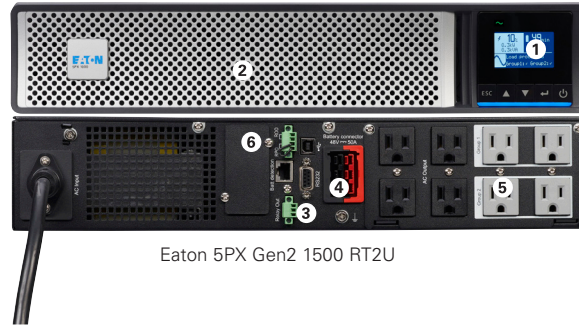
- 5PX Gen2 Load segment control enables prioritized shutdowns of non-essential equipment to maximize battery runtime for critical devices (2 groups).
- Eaton ABM® battery management technology uses a three-stage charging technique that optimizes battery health and extends lifetime by up to 50%.
- Up to 4 external hot-swappable battery modules can be added for longer power availability.
- Pedestal and rail kits are included with all models.

# EATON

Powering Business Worldwide

# Eaton 5PX Gen2 UPS

- Graphical LCD display :
  - Clear information on UPS status and measurements
  - Enhanced configuration capabilities
  - Available in 9 languages
- Panel for batteries replacement (Hot-swappable)



Eaton 5PX Gen2 1500 RT2U

- 1 USB port + 1 serial port + remote ON/OFF and remote power OFF inputs + output relay
- 4 External battery (EBM) connector
- 5 (8) NEMA 5-15R 15A sockets With energy metering (including 4 remote controlled sockets)
- 6 Communication card slot

## Technical specifications

	1000	1500	3000
Rating (VA/W) *	1000VA / 1000W	1440VA / 1440W	3000VA / 3000W
Format	RT2U (tower / rack 2U)	RT2U (tower / rack 2U)	RT2U (tower / rack 2U)

### Electrical Characteristics

Technology	Line-Interactive High Frequency (Pure Sinewave, Booster + Fader)		
Input voltage range without using batteries	80V-151V (adjustable to 70V-153V)		
Input frequency range without using batteries	47 to 70 Hz (50 Hz system), 56.5 to 70 Hz (60 Hz system), 40 Hz in low-sensitivity mode		
Output voltage	120 V (+6/-10 %) (Adjustable to 100V* / 110V / 120V / 125V), 50/60 Hz +/- 0.1 Hz (autosensing)		

### Connections

Input	NEMA 5-15P (15A)	NEMA 5-15P (15A)	NEMA L5-30P 30A
Outputs	8 x NEMA 5-15R (15A)	8 x NEMA 5-15R (15A)	6 x NEMA 5-20R (20A) 1 x NEMA L5-30R (30A)
Remote controlled sockets	2 groups of 2 x NEMA 5-15R (15A)	2 groups of 2 x NEMA 5-15R (15A)	2 group of 2 x NEMA 5-20R (20A)
Additional outputs with optional Hot Swappable MBP	EHBPL1500R-PDU1U (6 x NEMA 5-15R)	EHBPL1500R-PDU1U (6 x NEMA 5-15R)	EHBPL3000R-PDU1U (5 x NEMA 5-20R)
Additional outputs with optional FlexPDU			ePBZ78(20 x NEMA 5-20R) / ePBZ90(24 x NEMA 5-20R)

### Batteries

	300W	500W	800W	1200W	1800W	2500W
Typical backup times **						
5PX 1000	31	17	8			
5PX 1000 + 1 EBM / + 4EBM	151 / 600	82 / 328	47 / 189			
5PX 1500	45	24	13	6		
5PX 1500 + 1 EBM / + 4EBM	168/626	92 / 345	52 / 196	32 / 120		
5PX 3000	73	41	23	13	7	4
5PX 3000 + 1 EBM / + 4EBM	273 / 1017	152 / 568	88 / 329	54 / 203	33 / 124	22 / 83
Battery management	ABM® & 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 serial RS232 port + 1 mini-terminal block for Remote ON/OFF + 1 mini-terminal block for Remote Power OFF + 1 mini-terminal block for output relay
Communication slot	1 slot for Network M2 (included in Netpack version), INDGW-M2 or Relay-MS cards

### Operating conditions, Standards and Approvals

Operating temperature	0 to 40°C
Noise level	<40 dB @ typical load
Safety	IEC/EN 62040-1, UL1778, CSA22.2
EMC, Performance	IEC/EN 62040-2, FCC Class B, CISPR22 class B
Approvals	CE / CB report (TUV) / cULus Listed / VCCI / BSMI

### Dimensions W x D x H / Weight

	1000	1500	3000
UPS Dimensions (mm)	438x448x85.5	438x448x85.5	438x603x85.5
UPS Weight (kg)	20.2	23	33.8
EBM dimensions (mm)	438x448x85.5	438x448x85.5	438x603x85.5
EBM weight (kg)	27.8	27.8	40.4

### Customer Service & Support

Warranty	3 years on electronics, 2 years on battery (3years full warranty upon registration)
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\* For 1500VA/3000VA model: 17% derating @ 100V, 10% derating @ 110V

\*\* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

Part Numbers*	1000	1500	3000
UPS	5PX1000RTG2	5PX1500RTG2	5PX3000RTG2
EBM	5PXEBM48RTG2	5PXEBM48RTG2	5PXEBM72RTG2
2 m battery connection cable	EBMCBL48RT	EBMCBL48RT	EBMCBL72

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

\* All 5PX UPS and EBM are delivered with rack kit

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