

# Eaton 5PX Gen 2 UPS

1500W, 2000W, 2200W, 3000W



Rack/Tower versatility



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

- With unity power factor output ( $W=VA$ ), Eaton 5PX Gen 2 provides 11% more power than other UPS in its class, protecting more servers with a single unit.
- Energy Star 2.0 certified, 5PX Gen 2 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 Gen 2 battery configuration provides the best size/runtime ratio.

##### Management and Cybersecurity

- Innovative graphical LCD display brings all operating information at a glance. It also enhances commissioning and configuration capabilities.
- 5PX Gen 2 is compatible with Eaton's Gigabit network management card, which provides Dual cybersecurity certifications (UL 2900-1 & IEC 62443-4-2) and enables connection to remote monitoring solutions safely.
- Together with 5PX Gen 2, 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 Gen 2 monitors 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 virtualisation environments and cloud orchestration tools.

##### Availability and flexibility

- 5PX Gen 2 2200VA & 3000VA are available in RT2U format (optimised for rack mounting) or RT3U (for tower or short-depth racks). Pedestal and rail kits are included with all models.
- 5PX Gen 2 Load segment control enables prioritised shutdowns of non-essential equipment to maximise battery runtime for critical devices (2 groups).
- Eaton ABM<sup>®</sup> battery management technology uses a three-stage charging technique that optimises battery health and extends lifetime by up to 50%.
- Up to 4 external hot-swappable battery modules can be added for longer power availability.

# EATON

Powering Business Worldwide

# Eaton 5PX Gen 2 UPS

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



- 1 USB port + 1 serial port + remote ON/OFF and remote power OFF inputs + output relay
- 4 External battery (EBM) connector
- 5 8 IEC 10 A + 2IEC 16 A sockets with energy metering (including 5 remote controlled sockets)
- 6 Communication card slot

Eaton 5PX Gen 2 2200i RT3U

## Technical specifications

	1500	2000	2200	3000		
Rating (VA/W)	1500VA/1500W	2000VA/2000W	2200VA/2200W	3000VA/3000W		
Format	RT2U (tower/rack 2U)	RT2U (tower/rack 2U)	RT2U or RT3U	RT2U or RT3U		
<b>Electrical Characteristics</b>						
Technology	Line-Interactive High Frequency (Pure Sinewave, Booster + Fader)					
Input voltage range without batteries	160V-294V (adjustable to 150V-294V)					
Input frequency range without batteries	47 to 70 Hz (50Hz system), 56.5 to 70Hz (60Hz system), 40Hz in low-sensitivity mode					
Output voltage	230V (+6/-10%)(Adjustable to 200V*/208V/220V/230V/240V), 50/60 Hz +/-0.1 Hz (autosensing)					
<b>Connections</b>						
Input	IEC C14 (10A)	IEC C14 (10A)	IEC C20 (16A)	IEC C20 (16A)		
Output	(8) IEC C13 (10A)	(8) IEC C13 (10A)	(8) IEC C13 (10A) (2) IEC C19 (16A)	(8) IEC C13 (10A) (2) IEC C19 (16A)		
Remote controlled sockets	2 groups of (2) IEC C13 (10A)		1 group of (2) IEC C13 (10A) 1 group of (2) IEC C13 (10A) + (1) IEC C19 (16A)			
<b>Batteries</b>						
Typical Backup Times**	300W	500W	800W	1200W	1800W	2500W
5PX 1500	44	24	13	7		
5PX 1500 + 1 EBM / 4 EBM	164/611	92/346	53/199	33/123		
5PX 2000	50	28	16	9	4	
5PX 2000 + 1 EBM / 4 EBM	242/958	138/551	80/319	49/197	30/121	
5PX 2200	50	28	16	9	4	
5PX 2200 + 1 EBM / 4 EBM	242/958	138/551	80/319	49/197	30/121	
5PX 3000	68	39	23	13	7	4
5PX 3000 + 1 EBM / 4 EBM	255/950	146/546	86/323	54/201	33/124	22/84
Battery management	ABM® Temperature compensated charging method (user selectable). Automatic battery test, deep discharge protection, automatic recognition of external battery units					
<b>Interfaces</b>						
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, INDGW-M2, or RELAY-MS cards					
<b>Operating conditions, standards and approvals</b>						
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) / cTUVus / EAC / UKCA / Ukr / Cm / RCM					
<b>Dimensions W x D x H / Weight</b>						
UPS Dimensions (mm)	438x448x85.5	438x603x85.5	438x603x85.5 (RT2U) 438x483x129 (RT3U)	438x603x85.5 (RT2U) 438x483x129 (RT3U)		
UPS Weight (kg)	22.4	28	28.2 (RT2U) / 27.5 (RT3U)	31.7 (RT2U) / 31.1 (RT3U)		
EBM dimensions (mm)	438x448x85.5	438x603x85.5 (RTU2) 438x483x129 (RT3U)	438x603x85.5 (RT2U) 438x483x129 (RT3U)	438x603x85.5 (RT2U) 438x483x129 (RT3U)		
EBM weight (kg)	27.8	40.4 (RT2U)/39.7 (RT3U)	40.4 (RT2U)/39.7 (RT3U)	40.4 (RT2U) / 39.7 (RT3U)		
<b>Customer Service &amp; Support</b>						
Warranty	3 years (See ANZ Warranty Statement)					

\*5% derating @ 200V

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

Part Numbers*	1500	2000	2200	3000
UPS RT2U	5PX1500IRT2UAUG2	5PX2000IRT2UAUG2	5PX2200IRT2UAUG2	5PX3000IRT2UAUG2
UPS RT3U			5PX2200IRT3UAUG2	5PX3000IRT3UAUG2
EBM RT2U	5PXEBM48RT2UG2	5PXEBM72RT2UG2	5PXEBM72RT2UG2	5PXEBM72RT2UG2
EBM RT3U			5PXEBM72RT3UG2	5PXEBM72RT3UG2
2m battery connection cable	EBMCBL48RT	EBMCBL72	EBMCBL72	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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