

# Eaton 5PX G2 UPS 1–3 kVA

Secure, connected power protection with extended runtime designed for distributed IT

## Made for distributed IT

- Ideal for servers, switches, storage and other distributed IT loads that keep your business running
- Flexible UPS can be rackmounted in a traditional 2-post or 4-post rack or used in a tower form

## Deployments simplified

- Mass UPS firmware upgrades without dropping the load
- Easy startup configuration wizard
- DHCP enabled by default for network-bundle models

## Stay connected, securely

- Reduce risk of intrusion with the Gigabit Network Card (NETWORK-M2), which is the first UPS connectivity device to meet both UL and IEC cybersecurity standards
- Remote monitoring and management of your deployment is made easy with Eaton VPM or IPM software, which includes graceful shutdown of servers and virtualized environments during extended power outages

## Resolve issues quickly

- Troubleshoot UPS status and alarms remotely when used with the Gigabit Network Card
- LED status bar provides quick and clear visual diagnostics in all environments
- Higher contrast interface for easier visibility, plus detailed alarms and notifications to help diagnose the issue the first time
- 24/7 technical support available, along with a standard three-year warranty on the UPS and batteries



**A portfolio of software applications designed to aggregate data, monitor infrastructure, drive operational performance, predict maintenance and maintain safety and security.**

**Applications within the suite that pair well with the 5PX G2 UPS include:**

**IPM – Intelligent Power Manager**

IPM is an easy-to-use disaster avoidance platform with sophisticated capabilities that include triggering alerts and automating resolutions to keep applications running. IPM enables you to:

- Leverage Eaton’s integrations with industry leaders to keep critical applications running and automate resolutions for your entire network risking potential downtime.
- Migrate workloads to increase system uptime and minimize generator load by suspending non-critical virtual machines.
- Power cap servers to keep critical loads running longer by limiting server power consumption.

**Learn more at [Eaton.com/IPM](http://Eaton.com/IPM)**

**VPM – Visual Power Manager**

With Visual Power Manager (VPM), you can remotely monitor the power of hundreds of PDU and UPS devices through a user-friendly, visual interface that simplifies data for quick action. VPM enables you to:

- Gain vendor agnostic insight. Monitor a mixed environment through VPM’s unique protocol-based data collection.
- Know what’s coming. Analyze power devices visually and get notified ahead of replacement through custom reports.
- Get real-time, rack-level statistics. Quickly remediate through up-to-the-minute analytics, notifications and alarms for events exceeding what any branch can support.

**Learn more at [Eaton.com/VPM](http://Eaton.com/VPM)**

**PredictPulse™ Insight**

PredictPulse Insight is the industry’s first cloud-based 24x7 remote monitoring and predictive analytics subscription service to forecast data center power component failure and proactively replace components before failure. PredictPulse enables you to:

- **Save time.** Focus on other critical IT tasks while this predictive analytics service and Eaton’s remote monitoring team oversees power remotely.
- **Save money.** Eliminate surprise maintenance expenses — this subscription-based service includes parts, labor, on-going preventive maintenance and expedited repairs.
- **Reduce risk.** Utilize Eaton’s proprietary algorithms, based on data from thousands of installed devices to predict UPS component failure and proactively replace parts before issues arise.

**Learn more at [Eaton.com/PredictPulse](http://Eaton.com/PredictPulse)**



Light up the room.

- Blue light:**  
All good, normal operation
- Yellow light:**  
Your attention is needed
- Red light:**  
A critical issue needs your immediate attention and action

Tri-color LED status bar allows for quick and easy status updates at-a-glance

A model to fit your needs.

- **Support more equipment,** provides the maximum power (watts) possible at each power rating, otherwise known as unity power factor
- **Reduced depth to conserve space,** the 2 to 3 kVA short-depth models allow for high density wallmount rack options
- **UPS ship-in-rack option** for integration into packaged deployments simplifying set up and getting you online quicker (available with the 4-post rail kit)
- **Increased standard runtime** by at least 25% on 1.5 and 2 kVA models compared to the legacy 5PX UPS
- **Enhanced surge protection** to keep your equipment safe in your branch offices and IT closets



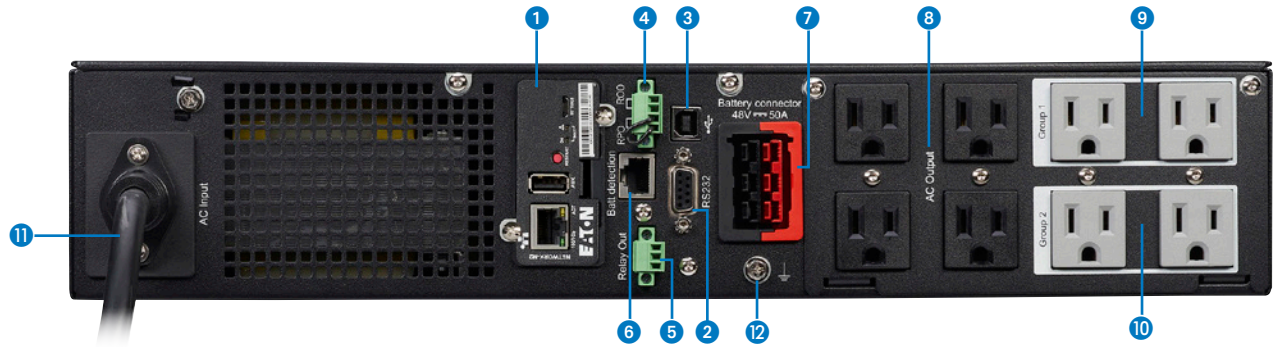
5PX G2 4-post mounting kits are rated (ISTA 3E) to support the weight of a UPS/EBM when mounted in a rack and being transported



5PX G2 UPS mounted vertically in the MiniRaQ by Eaton, perfect for confined places

# Rear panel overview

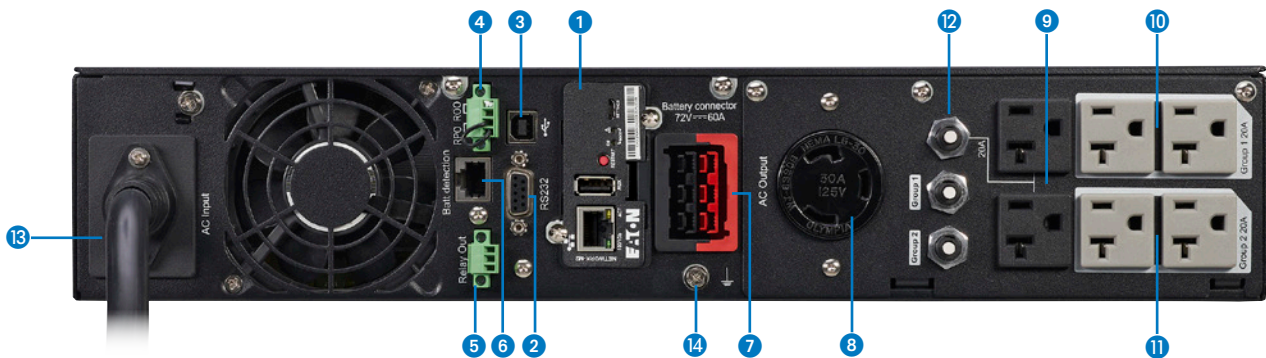
Model 5PX1500RTG2



- 1 NETWORK-M2 card (optional)
- 2 RS-232 serial communication port (cable included)
- 3 USB port (cable included)
- 4 Remote power off (RPO) and remote on/off (ROO) port
- 5 Output relay port
- 6 External battery module (EBM) detection port
- 7 EBM connector
- 8 (4) 5-15R managed outlets (primary group)
- 9 (2) 5-15R managed outlets (load segment group 1)
- 10 (2) 5-15R managed outlets (load segment group 2)
- 11 10-foot line cord with 5-15P
- 12 Ground bounding screw

# Rear panel overview

Model 5PX3000RTG2



- 1 NETWORK-M2 card (optional)
- 2 RS-232 serial communication port (cable included)
- 3 USB port (cable included)
- 4 Remote power off (RPO) and remote on/off (ROO) port
- 5 Output relay port
- 6 External battery module (EBM) detection port
- 7 EBM connector
- 8 (1) L5-30R managed outlet (primary group)
- 9 (2) 5-20R managed outlets (primary group)
- 10 (2) 5-20R managed outlets (load segment group 1)
- 11 (2) 5-20R managed outlets (load segment group 2)
- 12 Outlet group circuit breaker protection
- 13 10-foot line cord with L5-30P
- 14 Ground bounding screw



## 5PX G2 MODEL SELECTION GUIDE

The 5PX G2 comes as a stand-alone UPS or as part of a network bundle for easy configuration and deployment. For complete specifications, including interactive battery runtime graphs, visit [Eaton.com/5PXG2](http://Eaton.com/5PXG2).

Catalog number	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in	Net weight, lb	Internal runtime (min) Full / half load	Plus 1 EBM Full/ half load
<b>120V, 50/60Hz rack/tower models</b>							
5PX1000RTG2	1000/1000	5-15P, 10 ft.	(8) 5-15R	3.4 (2U) x 17.2 x 17.6	44.5	6/17	35/82
5PX1500RTG2	1440/1440	5-15P, 10 ft.	(8) 5-15R	3.4 (2U) x 17.2 x 17.6	50.7	5/15	26/60
5PX2000RTG2	1950/1950	5-20P, 10 ft.	(1) L5-20R, (6) 5-20R	3.4 (2U) x 17.4 x 23.7	65.3	4/12	27/62
5PX3000RTG2	3000/3000	L5-30P, 10 ft.	(1) L5-30R, (6) 5-20R	3.4 (2U) x 17.4 x 23.7	74.5	3/9	17/41

Catalog number	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in	Net weight, lb	Internal runtime (min) Full / half load	Plus 1 EBM Full/ half load
<b>120V, 50/60Hz rack/tower network card bundles with NETWORK-M2</b>							
5PX1000RTNG2	1000/1000	5-15P, 10 ft.	(8) 5-15R	3.4 (2U) x 17.2 x 17.6	44.5	6/17	35/82
5PX1500RTNG2	1440/1440	5-15P, 10 ft.	(8) 5-15R	3.4 (2U) x 17.2 x 17.6	50.7	5/15	26/60
5PX2000RTNG2	1950/1950	5-20P, 10 ft.	(1) L5-20R, (6) 5-20R	3.4 (2U) x 17.2 x 23.7	65.3	4/12	27/62
5PX2000RT3UNG2	1950/1950	5-20P, 10 ft.	(1) L5-20R, (6) 5-20R	5.1 (3U) x 17.2 x 19.0	64.2	4/12	27/62
5PX3000RTNG2	3000/3000	L5-30P, 10 ft.	(1) L5-30R, (6) 5-20R	3.4 (2U) x 17.2 x 23.7	74.5	3/9	17/41
5PX3000RT3UNG2	3000/3000	L5-30P, 10 ft.	(1) L5-30R, (6) 5-20R	5.1 (3U) x 17.2 x 19.0	72.8	3/9	17/41

Catalog number	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in	Net weight, lb	Internal runtime (min) Full / half load	Plus 1 EBM Full/ half load
<b>Global UPS, 208/230V, 50/60Hz rack/tower models</b>							
5PX1500HRTG2	1500/1500	C14	(8) C13	3.4 (2U) x 17.2 x 17.6	49.4	5/14	25/57
5PX2200HRTG2	2200/2200	L6-20P, 6 ft., (Detachable)	(2) C19, (8) C13	3.4 (2U) x 17.2 x 23.7	62.2	3.5/10	23/54
5PX3000HRTG2	3000/3000	L6-20P, 6 ft., (Detachable)	(2) C19, (8) C13	3.4 (2U) x 17.2 x 23.7	69.9	3/9	17/41

Catalog number	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in	Net weight, lb	Internal runtime (min) Full / half load	Plus 1 EBM Full/ half load
<b>Global UPS, 208/230V, 50/60Hz rack/tower network card bundles with NETWORK-M2</b>							
5PX3000HRTNG2	3000/3000	L6-20P, 6 ft., (Detachable)	(2) C19, (8) C13	3.4 (2U) x 17.2 x 23.7	69.9	3/9	17/41

Catalog number	Description	DC voltage	Dimensions (H x W x D), in	Net weight, lb
<b>5PX G2 extended battery module options</b>				
5PXEBM48RTG2	Extended battery module for 5PX1000RTG2, 5PX1000RTNG2, 5PX1500RTG2, 5PX1500RTNG2, 5PX1500HRTG2	48V	3.4 (2U) x 17.2 x 17.6	61.3
5PXEBM72RTG2	Extended battery module for 5PX2000RTG2, 5PX2000RTNG2, 5PX2200HRTG2, 5PX3000RTG2, 5PX3000RTNG2, 5PX3000HRTG2, 5PX3000HRTNG2	72V	3.4 (2U) x 17.2 x 23.7	89.1
5PXEBM72RT3UAG2	Extended battery module for 5PX2000RT3UNG2, 5PX3000RT3UNG2	72V	5.1 (3U) x 17.2 x 19.0	87.5

Catalog number	Description	Input connection	Output connection	Dimensions (H x W x D), in
<b>5PX G2 power distribution (PDU) and maintenance bypass (MBP) options</b>				
EHBPL1500R-PDU1U	1.5 kVA HotSwap MBP	5-15P	(6) 5-15R	2.1 x 17.3 x 3.8
EHBPL2000R-PDU1U	2 kVA HotSwap MBP	5-20P	(6) 5-20R	2.1 x 17.3 x 3.8
EHBPL3000R-PDU1U	3 kVA HotSwap MBP	L5-30P	(5) 5-20R, (1) L5-30R	2.1 x 17.3 x 3.8
ePBZ90	Basic 3 kVA, 120V, 0U rackmount PDU	L5-30P	(24) 5-20R	40 (0U) x 1.9 x 2.1
ePBZ71	Basic 2 kVA, 120V, 0U rackmount PDU	5-20P, L5-20P	(30) 5-20R	72 (0U) x 1.5 x 1.5
ePBZ78	Basic 3 kVA, 120V, 0U rackmount PDU	L5-30P	(20) 5-20R	1.7 (1U) x 17 x 5.1
EFLEXI3000R-PDU1UIEC	FlexPDU 3 kVA, 200-240V, 1U rackmount PDU	C20	(1) C19, (12) C13	1.7 (1U) x 17.3 x 2.4

### Additional options

Catalog number	Description
103007018-5591	Two-post rack mounting rail kit (supports 2U models only)
RK4PRS	Ship-in-rack 4-post rail kit (required to ship 5PX G2 while mounted in a rack on a shock pallet)
NETWORK-M2	Gigabit Network Card
INDGW-M2	Industrial Gateway Card (Modbus + Relays + Network Management)
RELAY-MS	Relay / Serial Interface Card
EMPD1H1C2	Environmental Monitoring Probe (EMP) Gen 2 for use with NETWORK-M2 or INDGW-M2
EBMCBL48RT	5PX G2 2M EBM extension cable for 48V EBM's (use with 1-1.5 kVA models)
EBMCBL72	5PX G2 2M EBM extension cable for 72V EBM's (use with 2-3 kVA models)

### What's in the box

- Tower pedestal feet
- Four-post rail kit
- Quick start guide
- Safety guide
- USB cable
- RS-232 cable
- (2) IEC C13 to IEC C14 jumper cables (208V/230V "H" models)



To interact with the Eaton 5PX G2 UPS, please visit: [Eaton.com/5PXG2](http://Eaton.com/5PXG2)



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