

## Eaton 5PX G2 1950VA 1950W 120V Line-Interactive UPS - 6 NEMA 5-20R, 1 L5-20R Outlets, Cybersecure Network Card Option, Extended Run, 2U Rack/Tower

MODEL NUMBER: 5PX2000RTG2



Provides complete battery backup and power protection for servers, switches, data storage and other critical networking equipment.

### Features

#### 1.95kVA/1.95kW/120V Battery Backup for Distributed IT, Telecom or Enterprise Deployments

This 5PX G2 rack-mount line-interactive UPS system provides reliable battery backup and AC power protection against blackouts, brownouts, surges and line noise that can damage your valuable IT equipment or destroy data. The 5PX2000RTG2 is ideal power management for small business, education, retail, financial or healthcare networking components, including servers, VoIP phones, data storage and PoE switches. Unity power factor ensures the most watts possible at each power rating, so you can connect more equipment.

#### Reliable, Expandable Battery Backup Keeps You Operational Through Power Outages

The field-replaceable, hot-swappable internal battery modules allow you to work through short power failures and give you enough time to safely save files and shut down your system in case of a prolonged blackout. Exclusive ABM technology increases battery life by 50 percent and closely monitors battery health to provide advanced notice when batteries need replacing. You can also connect up to four external battery modules (5PXEBM72RTG2, sold separately) for hours of extended runtime.

#### Optional Gigabit Network Interface Offers 24/7 Remote Access

The NETWORK-M2 network card (sold separately) enables full remote configuration and management, including load shedding, reboots of connected equipment and safe shutdowns. UPS firmware can also be flashed remotely through the NETWORK-M2 without dropping the load, so you don't have to plan for downtime. The card meets both UL 2900-1 and IEC 62443-4-2 standards for cybersecurity, which were developed to address the vulnerability of connected devices to known malware/exploits and to protect business from these risks. An optional Environmental Monitoring Probe Gen 2 (EMPDT1H1C2, sold separately) provides a variety of environmental monitoring capabilities, including temperature and humidity conditions.

#### NEMA Outlets Protect Your Connected Components

One L5-20R and six 5-20R managed outlets provide connected equipment with pure sine wave AC output and allow you to monitor power consumption down to the outlet group level. Power provided by these outlets is filtered to protect connected equipment against damaging surges and line noise. Four outlets are grouped into two load banks that let you shed non-critical loads to extend runtime for critical loads.

### Highlights

- Protects equipment against blackouts, brownouts, transient surges and line noise
- Keeps equipment running during outages to allow time for file saves and safe shutdown
- Unity power factor ensures maximum power possible at each power rating
- ENERGY STAR 2.0-certified to save electricity, lower costs and protect the environment
- Optional external battery modules allow extended runtime to keep equipment running

### Package Includes

- 1950VA 1950W 120V 5PX G2 Line-Interactive UPS with 7 Outlets
- USB cable
- RS-232 cable
- Rack-mounting hardware
- Tower support stands
- Safety guide
- Quick Start Guide



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**ENERGY STAR-Certified to Help You Save Money and Protect the Environment**

By meeting strict U.S. Department of Energy requirements, this ENERGY STAR 2.0 UPS system provides high operational efficiency to signal a reduction in BTU emissions, save on utility and cooling costs and help protect the environment.

**Rotating LCD Interface and LED Status Bar Keep You Informed at a Glance**

The high-contrast front-panel LCD provides detailed alarms and notifications to help diagnose any issues. The LED bar shows UPS status: a blue light means all is well, a blinking blue light means your attention is needed, and a red light indicates a critical issue that demands immediate action. The interface rotates to accommodate both rack-mount and tower configurations.

**Advanced Communications Ports Allow for Automatic Saves and Shutdowns**

RS-232 and USB ports connect to a serial-enabled device for a variety of communication options (cables are included). A dry-contact relay port can be programmed through the LCD to provide reliable communications to automation and industrial components. The RPO/ROO port permits emergency shutdown or remote restart of all connected equipment.

**Versatile Installation Options**

You can mount the 5PX2000RTG2 in just 2U of space in an EIA-standard 19-inch rack using the included 4-post rail kit or an optional 2-post rail kit (103007018-5591, sold separately). At just 23.7 inches deep, the UPS mounts in short-depth racks and other compact spaces. You can also adapt it for tower installation using the included support stands. A ship-in-rack option enables integration into packaged deployments for simplified set up. The 10-foot power cord with NEMA 5-20P plug connects to a compatible AC outlet.

## Specifications

| OVERVIEW                            |                        |
|-------------------------------------|------------------------|
| UPC Code                            | 743172105691           |
| UPS Type                            | Line-Interactive       |
| INPUT                               |                        |
| Nominal Input Voltage(s) Supported  | 120V AC                |
| UPS Input Connection Type           | 5-20P                  |
| UPS Input Cord Length (ft.)         | 10                     |
| UPS Input Cord Length (m)           | 3.1                    |
| OUTPUT                              |                        |
| Output Capacity (VA)                | 1950                   |
| Output Capacity (kVA)               | 1.95                   |
| Output Capacity (Watts)             | 1950                   |
| Output Capacity (kW)                | 1.95                   |
| Frequency Compatibility             | 50 / 60 Hz             |
| Output AC Waveform (Battery Mode)   | Pure Sine wave         |
| Nominal Output Voltage(s) Supported | 100V; 110V; 120V; 125V |



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|   |  |
|---|--|
| Output Receptacles  | (1) L5-20R; (6) 5-20R  |
| Individually Controllable Load Banks                          | Yes  |
| <b>BATTERY</b>  |  |
| Battery Type  | Valve Regulated Lead Acid (VRLA)   |
| Runtime Full Load (min.)                                      | 4 min.   |
| Runtime Half Load (min.)                                      | 12 min.  |
| Expandable Runtime  | Yes  |
| Internal UPS Replacement Battery Cartridge                    | <a href="http://tripplite.eaton.com/Eaton-Internal-Replacement-Battery-2000VA-2200VA-5P-5PX-UPS~744-A4852">744-A4852</a>     |
| Battery Replacement Description                               | Hot-swappable, user replaceable batteries. UPS requires 1 Replacement Battery Cartridge.                                     |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>                  |  |
| Front Panel LCD Display                                       | LCD graphical display  |
| LED Indicators  | 3 status-indicating LEDs (normal, battery mode, alarm); LED light bar (blue = nominal, blinking blue = warning, red = alarm) |
| <b>PHYSICAL</b>   |  |
| Primary Form Factor   | Rackmount; Tower   |
| Rack Height   | 2U   |
| Installation Form Factors Supported with Included Accessories | 4 post 19 inch rackmount; Tower  |
| Minimum Required Rack Depth (cm)                              | 68.58  |
| Minimum Required Rack Depth (inches)                          | 27   |
| Unit Dimensions (hwd / in.)                                   | 3.400 x 17.200 x 23.700  |
| Unit Weight (lbs.)  | 65.300   |
| Unit Weight (kg)  | 29.62  |
| <b>ENVIRONMENTAL</b>  |  |
| Operating Temperature Range                                   | 32° to 104°F (0° to 40°C)  |
| Relative Humidity   | 20 to 90%, non-condensing  |
| AC Mode Efficiency Rating (100% Load)                         | 0.98   |
| <b>COMMUNICATIONS</b>   |  |
| Network Management Cards                                      | <a href="http://tripplite.eaton.com/eaton-secure-gigabit-network-card-for-ups-systems~NETWORK-M2">NETWORK-M2</a>             |
| Network Management Card Description                           | Network Card Optional  |
| Communications Interface                                      | DB9 Serial; USB (HID enabled); Slot for SNMP/Web interface   |



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| FEATURES & SPECIFICATIONS               |   |
|---|---|
| High Availability UPS Features          | Automatic Voltage Regulation (AVR); Surge/noise protection  |
| APPLICATIONS                            |   |
| UPS Applications                        | Large Network   |
| STANDARDS & COMPLIANCE                  |   |
| Product Certifications                  | cUL Listed; UL Listed; NOM (Mexico); IEC/EN 62040   |
| Product Compliance                      | CE (Europe); REACH; RoHS; ENERGY STAR Qualified   |
| WARRANTY & SUPPORT                      |   |
| Product Warranty Period (U.S. & Canada) | 3-year limited warranty   |
| Extended Service Plans                  | <p><b>ADVANCED DEPOT EXCHANGE</b> 5-YEAR DEPOT REPAIR: 5SW5Y-1400UC Expedited parts coverage for 5 years Parts, electronics and UPS batteries coverage Next business day shipping Technical support <b>ON-SITE 24X7, NEXT DAY RESPONSE</b> 2 YEAR UPGRADE: WUN72XXX-2509UC On-site expedited parts and labor coverage for first 2 years Parts, electronics and UPS batteries coverage Eaton on-site labor coverage 24x7 coverage, next day response Next day shipping Technical support <b>3 YEAR FLEX PLAN: FLN73XXX-2509UC</b> On-site parts and labor coverage for years 3 to 5 Parts, electronics and UPS batteries coverage 24x7 on-site labor coverage, next day response Next day shipping Technical support</p> |



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