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

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
Output Receptacles	(1) L5-20R; (6) 5-20R

Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	4 min. (1950W)
Runtime Half Load (min.)	12 min. (975W)
Expandable Runtime	Yes
Internal UPS Replacement Battery Cartridge	744-A4852
Battery Replacement Description	Hot-swappable, user replaceable batteries. UPS requires 1 Replacement Battery Cartridge.
USER INTERFACE, ALERTS & CONTROLS	
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)
PHYSICAL	
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
ENVIRONMENTAL	
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
COMMUNICATIONS	
Network Management Cards	NETWORK-M2
Network Management Card Description	Network Card Optional
Communications Interface	DB9 Serial; USB (HID enabled); Slot for SNMP/Web interface
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	**ADVANCED DEPOT EXCHANGE**Service Part Number: 5SW5Y-1400UCExpedited parts coverage for 5 yearsParts, electronics and UPS batteries coverageNext business day shippingTechnical support**ON-SITE 24X7, NEXT DAY RESPONSE (US ONLY)**2 YEAR UPGRADE: WUN72XXX-2509UCOn-site expedited parts and labor coverage for first 2 yearsParts, electronics and UPS batteries coverageEaton on-site labor coverage24x7 coverage, next day responseNext day shippingTechnical support**3 YEAR FLEX PLAN: FLN73XXX-2509UC**On-site parts and labor coverage for years 3 to 5Parts, electronics and UPS batteries coverage24x7 on-site labor coverage, next day responseNext day shippingTechnical support

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