Eaton 5P 550VA 420W 120V Line-Interactive UPS, 5-15P, 5x 5-15R Outlets, True Sine Wave, Cybersecure Network Card Option, 1U

MODEL NUMBER: **5P550R**



Provides enterprise-class battery backup and pure sine wave output for servers, switches, data storage and other critical networking equipment.

Highlights

- Keeps equipment running during outages to allow time for file saves and safe shutdown
- Provides 20% more wattage compared to traditional UPS systems to protect devices
- Exclusive ABM technology with 3-stage charging increases internal battery life by 50%
- 5-button graphical LCD offers critical UPS data and load status at a glance
- Optional NETWORK-M2 Gigabit network card enables full remote access and control

Package Includes

- 550VA 420W 120V 5P Line-Interactive UPS with 5 Outlets
- USB cable
- RS-232 cable
- Mounting hardware
- Quick Start Guide

Features

550VA/420W/120V Battery Backup for Network Closets and Small Data Centers
This 5P rack-mount line-interactive UPS system provides reliable battery backup for small business, education, retail, financial or healthcare networking components, including servers, VoIP phones, data storage and PoE switches. The 5P550R protects connected devices by providing 20 percent more wattage compared to traditional UPS systems.

Reliable Battery Backup Keeps You Operational Through Power Outages
valve regulated lead acid (VRLA) 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.

Optional Gigabit Network Interface Offers 24/7 Remote Access
The NETWORK-M2 Gigabit 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 5-15R Outlets Protect Your Connected Components
Five managed 5-15R outlets provide connected equipment with pure sine wave AC output and allow you to monitor power consumption down to the outlet group level. Three outlets are grouped into two load banks that let you shed non-critical loads to extend runtime for critical loads.

LCD Interface Keeps You Informed at a Glance
The five-button graphical LCD provides useful information about the UPS itself, load status, events, measurements and settings. To save energy, the LCD switches to the screen saver after five minutes of inactivity. The backlight LCD automatically dims after 10 minutes of inactivity.

Advanced Communications Ports Allow for Automatic Saves and Shutdowns
RS-232 and USB ports connect to a serial-enabled or USB-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 connector permits emergency shutdown or remote restart of all connected equipment.

Easy Installation Options
You can mount the compact 5P550R in just 1U of space in an EIA-standard 19-inch rack using the included 4-post rail kit. At just 14.3 inches deep, the UPS mounts in short-depth racks and other compact spaces. The six-foot power cord with NEMA 5-15P plug connects to a compatible AC outlet.

Specifications

OVERVIEW	
UPC Code	743172043030
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 120V AC
UPS Input Connection Type	5-15P
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Input Plug Type	NEMA 5-15P
OUTPUT	
Output Capacity (VA)	550
Output Capacity (kVA)	0.55
Output Capacity (Watts)	420
Output Capacity (kW)	0.42
Power Factor	0.76
Nominal Voltage Details	100V, 120V, 125V
Frequency Compatibility	50 / 60 Hz
Load Management Receptacles	Two switchable outlet load banks
Output AC Waveform (AC Mode)	True Sine Wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	100V; 120V; 125V
Output Receptacles	(5) 5-15R
Individually Controllable Load Banks	Yes

BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	3 min. (420W)
Runtime Half Load (min.)	9 min. (210W)
Expandable Runtime	No
Internal UPS Replacement Battery Cartridge	744-A2217
Battery Replacement Description	User replaceable batteries.
Battery Management	ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	LCD graphical display
Switches	RPO / ROO
Alarm Cancel Operation	Press ESC to silence the alarm
Audible Alarm	Audible alarm indicates utility failure, low-battery, overload, other UPS/Battery fault or remote shutdown conditions
LED Indicators	3 status-indicating LEDs
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	175
PHYSICAL	
Primary Form Factor	Rackmount
Rack Height	1U
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount
Minimum Required Rack Depth (cm)	45.72
Minimum Required Rack Depth (inches)	18
Primary UPS Depth (mm)	363
Primary UPS Height (mm)	43
Primary UPS Width (mm)	442
Unit Dimensions (hwd / in.)	1.700 x 17.400 x 14.300
Unit Dimensions (hwd / cm)	4.32 x 44.20 x 36.32
Unit Dimensions (hwd / mm)	43.2 x 442 x 363.2
Unit Dimensions (in.)	1.7 x 17.4 x 14.3
Unit Weight (lbs.)	19.7
Unit Weight (kg)	8.94

ENVIRONMENTAL	
Operating Temperature Range	0° to 35°C (32° to 95°F)
Relative Humidity	0-90% non-condensing
AC Mode Efficiency Rating (100% Load)	99
COMMUNICATIONS	
Network Management Cards	NETWORK-M2
Network Management Card Description	Network Card Optional
Communications Interface	RS-232; USB
FEATURES & SPECIFICATIONS	
High Availability UPS Features	Automatic Voltage Regulation (AVR); Hot swappable batteries
APPLICATIONS	
UPS Applications	High-End Desktop/Small Network
STANDARDS & COMPLIANCE	
Product Certifications	UL 1778; UL 497A; cUL Listed; UL Listed; IEC 62040-2; EN 55024; EN 55022
Product Compliance	FCC Part 15 Class A (USA); FCC (USA); FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Extended Service Plans	**ADVANCED DEPOT EXCHANGE**Service Part Number: 5SW5Y-0950UCExpedited parts coverage for 5 yearsParts, electronics and UPS batteries coverageNext business day shippingTechnical support**5-YEAR ON-SITE PLAN (US ONLY)**Service Part Number: WFLN75XX-2509UCOn-site parts and labor coverage for years 5Parts, electronics and UPS batteries coverage24x7 on-site labor coverage, next-day responseNext-day shippingTechnical support

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