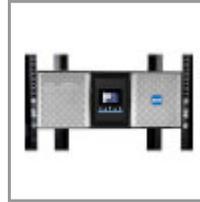




Powering Business Worldwide

## 9PX G2 8000VA 8000W 208V Online Double-Conversion Lithium-Ion UPS - Hardwired Input, L6-30R or Hardwired Output, Cybersecure Network Card, Extended Run, 4U Rack/Tower

MODEL NUMBER: 9PX8KG2-L



Provides sine wave output, complete battery backup and power protection for mission-critical IT installations, edge networks and other advanced network applications.

### Features

#### 8kVA/8kW/208V Battery Backup for Distributed IT and Edge Networks

This 9PX G2 rack-mount online double-conversion lithium-ion UPS system provides reliable, low-maintenance battery backup and AC power protection against blackouts, brownouts, surges and line noise that can damage critical IT equipment or destroy data. The 9PX8KG2-L is ideal power management for IT managers, data center managers, electrical contractors, integrators, specifying engineers and other end users in business, edge computing, education, government, healthcare, retail and other networking applications.

#### Delivers Maximum Power Reliability with Best-in-Class Efficiency

With unity power factor (8000VA/8000W output), the 9PX8KG2-L maximizes power reliability and allows you to support servers, PoE (Power over Ethernet) switches and other networking equipment. The most efficient UPS system in its class, it complies with the latest ENERGY STAR standards to reduce greenhouse gas emissions and to save you money on energy and cooling costs. Load segments with energy metering help you optimize energy use.

#### Lithium-Ion Batteries Designed for Long Life

Advanced lithium-ion battery technology offers a service life of eight to 10 years, which is at least three times longer than traditional lead-acid batteries while weighing 40 percent less. Not only does this reduce maintenance and replacement costs, but it also makes the UPS lighter, more efficient and ideal for deployments where reliability and longevity matter. These lithium iron phosphate (LiFePO<sub>4</sub>) batteries allow you to work through most power failures and give you enough time to safely save files and shut down your system in case of a prolonged blackout.

#### Reliable, Expandable Battery Backup with Enhanced Management

Eaton's exclusive battery management system (BMS) monitors battery performance, charge cycles and active temperature to provide advance notice when batteries need replacement. You can also connect up to 10 extended battery modules (9PXEBM192RTG2-L, sold separately), which are smaller and lighter than VRLA modules, to add necessary runtime during prolonged power outages.

#### Included Gigabit Network Interface Offers 24/7 Remote Access and Cybersecurity

The NETWORK-M3 cybersecure network management card enables full remote configuration and

### Highlights

- Keeps equipment running during outages to allow time for file saves and safe shutdown
- Best-in-class efficiency results in reduced energy costs and greenhouse gas emissions
- Improved lithium-ion batteries have lifespan up to 10 years – just set it and forget it
- Included NETWORK-M3 Gigabit network card enables full remote access and control
- Up to 10 optional extended battery modules allow expanded runtime

### Package Includes

- 8000VA 8000W 208V 9PX G2 Online Double-Conversion Lithium-Ion UPS
- NETWORK-M3 Gigabit network card
- USB cable
- RS-232 cable
- Cable gland for hardwire connection
- Rack-mounting hardware
- Tower support stands
- Quick Start Guide



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management, including load shedding, reboots of connected equipment and safe shutdowns. UPS firmware can also be flashed remotely through the NETWORK-M3 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 businesses from these risks.

#### High-Visibility LCD Interface Keeps You Informed at a Glance

The high-contrast color LCD provides control settings and critical information to help diagnose any issues. A large color LED bar makes it easy to diagnose UPS status from a distance and quickly locate units that require attention. The interface rotates to accommodate both rack-mount and tower configurations, and it tilts up to 45 degrees for more comfortable viewing.

#### Ready for Virtualization, HCI and Generative AI

Brightlayer software provides simple yet powerful fleet management. You can remotely manage UPS systems in diverse IT environments across multiple distributed sites from one location, maintain uptime and improve operational efficiency. Brightlayer also enables intelligent coordination with virtualized, hyperconverged and generative AI infrastructure, including complex orchestrations during blackouts and other power events to extend runtime and preserve data.

#### Versatile Installation Options

You can mount the 9PX8KG2-L in just 4U of space in an EIA-standard 19-inch rack using the included 4-post rail kit, or you can adapt it for tower installation using the included stands. A cable gland is included for hardwire input.

## Specifications

OVERVIEW	
UPC Code	786689972776
UPS Type	On-Line
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	38.4A
Nominal Input Voltage(s) Supported	200V AC; 208V AC; 220V AC; 230V AC; 240V AC
UPS Input Connection Type	Hardwire
Input Plug Type	Hard-wire
OUTPUT	
Output Capacity (VA)	8000
Output Capacity (kVA)	8
Output Capacity (Watts)	8000
Output Capacity (kW)	8
Power Factor	1
Crest Factor	3:1
Nominal Voltage Details	200V, 208V, 220V, 230V, 240V
Frequency Compatibility	50 / 60 Hz



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Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	200V; 208V; 220V; 230V; 240V
Output Receptacles	Hardwire; (4) L6-30R
Individually Controllable Load Banks	Yes
<b>BATTERY</b>	
Battery Type	Lithium-ion (LiFePO4)
Runtime Full Load (min.)	10.9 min. (8000W)
Runtime Half Load (min.)	22.0 min. (4000W)
Expandable Runtime	Yes
Expandable Runtime Description	Add up to 10 extended battery modules (EBM). Part number <a href="https://tripplite.eaton.com/9px-g2-ups-external-battery-lithium-192v-2u-9PXEBM192RTG2-L">9PXEBM192RTG2-L</a>
DC System Voltage (VDC)	192
Battery Recharge Rate (Included Batteries)	Batteries recharge to 90% capacity in less than 3 hours
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	EBP-1806-L
Battery Replacement Description	Hot-swappable, user replaceable batteries. UPS requires 2 Replacement Battery Cartridges.
Internal Battery Details	192V 12Ah 2304Wh
Battery Management	Integrated battery management system (BMS) for temperature regulation and life cycle monitoring
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
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	LED status bar
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Response Time	0 ms
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	0 ms
<b>PHYSICAL</b>	
Primary Form Factor	Rackmount; Tower
Rack Height	4U



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Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount; Tower
Installation Form Factors Supported with Optional Accessories	2 post rackmount ( <a href="//tripplite.eaton.com/eaton-2-post-rack-mount-rail-kit-for-9px-ups-RK2PC">RK2PC</a> )
Minimum Required Rack Depth (cm)	83.82
Minimum Required Rack Depth (inches)	33
UPS Power Module Weight (kg)	60.00
UPS Power Module Weight (lbs.)	132.28
Unit Dimensions (hwd / in.)	6.800 x 17.300 x 28.600
Unit Weight (lbs.)	132.28
Unit Weight (kg)	60.00
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Relative Humidity	0-95% non-condensing
AC Mode Efficiency Rating (100% Load)	97
AC Economy Mode Efficiency Rating (100% Load)	99.4
Online Mode Heat Dissipation (BTU/Hr) @ Full Load	815
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	1137
<b>COMMUNICATIONS</b>	
Network Management Cards	<a href="//tripplite.eaton.com/eaton-industrial-gateway-card-mini-slot-for-ups-systems-INDGW-M2">INDGW-M2</a> ; <a href="//tripplite.eaton.com/eaton-relay-serial-interface-card-RELAY-MS">RELAY-MS</a> ; <a href="//tripplite.eaton.com/sku-Network-M3">Network-M3</a>
Communications Interface	Pre-installed network card; RS-232; USB
<b>FEATURES &amp; SPECIFICATIONS</b>	
High Availability UPS Features	Expandable battery backup; Hot swappable batteries; On-Line/Double-Conversion; Pure sine wave output; Remote management; Surge/noise protection
<b>APPLICATIONS</b>	
UPS Applications	Mission Critical Applications
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	NOM (Mexico); cUL Listed; EN 62040-2
Product Compliance	FCC Part 15 Class A (USA); CE (Europe); FCC (USA); ENERGY STAR Qualified; RoHS



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WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	5-year limited warranty
Extended Service Plans	<b>5-YEAR ON-SITE PLAN (US ONLY)</b> Service Part Number: WFLN75XX-11000UCOn-site parts and labor coverage for 5 yearsParts, electronics and UPS batteries coverage24x7 on-site labor coverage, next-day responseNext-day shippingTechnical supportOn-site start-up: SU05NXXX-11000UC Assembly: AS00NXXX-11000UC

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