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

MODEL NUMBER: **9PX8KG2**

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 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 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 maximizes usable output power and allows you to support more devices, including servers, PoE switches and other networking equipment. The most efficient UPS system in its class, the 9PX8KG2 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.

Reliable, Expandable Battery Backup with Enhanced Management
Exclusive ABM+ technology improves predictive battery replacement analytics to better pinpoint when you should replace UPS batteries. By adding this predictive algorithm, you can determine the expected battery failure date based on real-life usage and conditions. This prevents unexpected downtime caused by waiting too long and unnecessary expense caused by replacing too soon. ABM+ also optimizes charging to increase battery lifespan up to 50%. You can connect up to 12 extended battery modules (9PXEBM240RTG2, sold separately) 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 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 business from these risks.

High-Visibility LCD Interface Keeps You Informed at a Glance

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
- Included NETWORK-M3 Gigabit network card enables full remote access and control
- Exclusive ABM+ technology and analytics help you pinpoint when to replace batteries
- Optional extended battery modules allow expanded runtime to keep equipment powered

Package Includes

- 8000VA 8000W 208V 9PX G2 Online Double-Conversion 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

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 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. A cable gland is included for hardwire input.

Specifications

OVERVIEW	
UPC Code	786689860110
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
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

BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	5.4 min. (8000W)
Runtime Half Load (min.)	15.2 min. (4000W)
Expandable Runtime	Yes
Expandable Runtime Description	Add up to 12 extended battery modules (EBM). Part number 9PXEBM240RTG2 .
DC System Voltage (VDC)	240
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-2003
Battery Replacement Description	Hot-swappable, user replaceable batteries. UPS requires 2 Replacement Battery Cartridges.
Battery Management	ABM+ technology (predictive battery replacement analytics to pinpoint when you should replace UPS batteries. 3-stage charging extends battery service life by 50%.)
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	LED status bar
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Response Time	0 ms
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	0 ms
PHYSICAL	
Primary Form Factor	Rackmount; Tower
Rack Height	4U
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 (RK2PC)
Minimum Required Rack Depth (cm)	83.82

Minimum Required Rack Depth (inches)	33
UPS Power Module Weight (kg)	78.79
UPS Power Module Weight (lbs.)	173.7
Unit Dimensions (hwd / in.)	6.800 x 17.300 x 28.600
Unit Weight (lbs.)	173.7
Unit Weight (kg)	78.79
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Relative Humidity	0-95% non-condensing
AC Mode Efficiency Rating (100% Load)	96.5
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
COMMUNICATIONS	
Network Management Cards	INDGW-M2 ; RELAY-MS ; Network-M3
Communications Interface	Pre-installed network card; RS-232; USB
FEATURES & SPECIFICATIONS	
High Availability UPS Features	Expandable battery backup; Hot swappable batteries; On-Line/Double-Conversion; Pure sine wave output; Remote management; Surge/noise protection
APPLICATIONS	
UPS Applications	Mission Critical Applications
STANDARDS & COMPLIANCE	
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
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Extended Service Plans	**ADVANCED DEPOT EXCHANGE**Service Part Number: 9SW5Y-11000UCExpedited 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-11000UCOn-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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