Eaton 9PX 8000VA 7200W 208V Online Double-Conversion UPS - Hardwired Input / Output, Cybersecure Network Card, Extended Run, 6U Rack/Tower

MODEL NUMBER: **9PX8KHW**









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

Highlights

- Keeps equipment running during outages to allow time for file saves and safe shutdown
- Included NETWORK-M2 Gigabit network card enables full remote access and control
- Exclusive ABM technology with 3-stage charging increases internal battery life by 50%
- Interactive LCD interface keeps you updated on critical load information in real time
- Optional extended battery modules allow extended runtime to keep equipment powered

Package Includes

- 9PX8KPM 9PX 3U UPS power module
- 9PXEBM240RT 3U extended battery module
- NETWORK-M2 Gigabit network card
- USB cable
- RS-232 cable
- Cable gland for hardwire connection
- Phillips-head screwdriver
- Rack-mounting hardware (2x 9RK)
- Owner’s manuals

Features

8kVA/7.2kW/208V Battery Backup for IT Installations and Edge Networks
This 9PX rack-mount online double-conversion UPS system features hardwired input and output connections. It provides reliable battery backup and AC power protection against blackouts, brownouts, surges and line noise that can damage valuable IT equipment or destroy data. The 9PX8KHW is superlative power management for education, commercial, financial or healthcare networking components, including Cisco switches and servers.

Expandable 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. You can also connect up to five extended battery modules (9PXEBM240RT, sold separately) for hours of extended runtime or up to 12 EBMs with the optional 3U rack-mount 240VDC supercharger (SC240RT, sold separately).

Included Gigabit Network Interface Offers 24/7 Remote Access
The NETWORK-M2 Gigabit network 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-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. The optional Environmental Monitoring Probe Gen 2 (EMPDT1H1C2, sold separately) provides a variety of environmental monitoring capabilities, including temperature and humidity conditions.

Rotating LCD Interface Keeps You Informed at a Glance
The intuitive front-panel LCD provides control settings and critical information to help diagnose any issues. The interface rotates to accommodate both rack-mount and tower configurations, and it tilts up to 45 degrees for more comfortable viewing.

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 connectors permit emergency shutdown or remote restart of all connected equipment.

Versatile Installation Options
You can mount the 9PX8KHW in a tower configuration on a flat, stable surface or in 6U of space in an EIA-standard 19-inch rack using the included 4-post rail kit.

Specifications

OVERVIEW	
UPC Code	743172039859
UPS Type	On-Line
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	36.6A
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)	7200
Output Capacity (kW)	7.2
Power Factor	0.9
Crest Factor	3:1
Nominal Voltage Details	200V, 208V, 220V, 230V, 240V, 250V
Frequency Compatibility	50 / 60 Hz
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	200V; 208V; 220V; 230V; 240V; 250V
Output Receptacles	Hardwire
Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	5 min. (7200W)
Runtime Half Load (min.)	16 min. (3600W)

Expandable Runtime	Yes
Expandable Runtime Description	Add up to 5 extended battery modules (EBM). Part number 9PXEBM240RT . Add up to 12 EBMs with 240V supercharger module SC240RT .
DC System Voltage (VDC)	240
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	744-A1976
Battery Replacement Description	Hot-swappable, user replaceable batteries. UPS requires 2 Replacement Battery Cartridges.
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	4 status-indicating LEDs
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Response Time	0 ms
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Rackmount; Tower
Rack Height	6U
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount; Tower
Minimum Required Rack Depth (cm)	78.74
Minimum Required Rack Depth (inches)	31
UPS Power Module Weight (kg)	21.32
UPS Power Module Weight (lbs.)	47
Unit Weight (lbs.)	190.000
Unit Weight (kg)	86.18
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Relative Humidity	0-95% non-condensing

AC Mode Efficiency Rating (100% Load)	94.5
AC Economy Mode Efficiency Rating (100% Load)	98
Online Mode Heat Dissipation (BTU/Hr) @ Full Load	1570
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	2140
COMMUNICATIONS	
Network Management Cards	NETWORK-M2 ; INDGW-M2 ; RELAY-MS
Communications Interface	Pre-installed network card; RS-232; USB
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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