Eaton 9SX 2000VA 1800W 120V Online Double-Conversion UPS - 6 NEMA 5-20R, 1 L5-20R Outlets, Cybersecure Network Card Option, Extended Run, Tower

MODEL NUMBER: **9SX2000**

Provides pure sine wave output in medical, light industrial, automation and other mission-critical IT applications where space is limited.

Highlights

- Zero transfer time between on-line and battery modes for uninterrupted operation
- NEMA 5-20P input with one L5-20R and 6 NEMA 5-20R outlets for devices
- Optional NETWORK-M2 network card enables full remote access and control
- Front-panel LCD keeps you up to date with status info and other vital analytics
- Optional external battery modules allow extended runtime to keep equipment running

Package Includes

- 9SX2000 Eaton 9SX Double-Conversion UPS
- USB cable
- RS-232 cable
- Quick start guide

Features

Double-Conversion UPS Protects Equipment Against Damage, Downtime and Data Loss
This 9SX on-line double-conversion UPS system maintains perfect output by converting AC input to DC, then reconverting UPS output to fully regulated sine wave AC. Featuring surge suppression, true on-line operation with pure sine wave output and zero transfer time between on-line and battery modes, the 9SX2000 provides the highest level of AC power protection and battery backup for medical, light industrial, automation and other mission-critical IT applications where space is limited, but premium power reliability is essential.

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 (9SXEBM96, 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 5-20R Outlets Protect Your Connected Components
One L5-20R and six 5-20R 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 5-20R outlets and the single L5-20R are grouped into two load banks that let you shed non-critical loads to extend runtime for critical loads.

Clear LCD Interface Keeps You Informed at a Glance
The high-contrast front-panel LCD provides detailed alarms and notifications to help diagnose any issues. It provides system status, event logs, battery and power module status, usage analytics, serial number, firmware update info and more. Audible alarms can be disabled through the front menu when the UPS goes to battery power.

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.

Supports Tower Installation on a Flat Surface
Place the 9SX2000 on a table, shelf, pedestal or floor in your data center, computer room, network closet, workbench, dispatch console, security workstation or other professional work surface. The eight-foot input cord with NEMA 5-20P plug connects to a compatible AC outlet.

Specifications

OVERVIEW	
UPC Code	743172091253
UPS Type	On-Line
INPUT	
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-20P
UPS Input Cord Length (ft.)	8
UPS Input Cord Length (m)	2.4
OUTPUT	
Output Capacity (VA)	2000
Output Capacity (kVA)	2
Output Capacity (Watts)	1800
Output Capacity (kW)	1.8
Frequency Compatibility	50 / 60 Hz
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	100V; 110V; 120V; 125V
Output Receptacles	(6) 5-20R; (1) L5-20R
Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	10.3 min. (1800W)

Runtime Half Load (min.)	26.2 min. (900W)
Expandable Runtime	Yes
Expandable Runtime Description	Add up to 4 EBMs
Internal UPS Replacement Battery Cartridge	744-A4313
Battery Replacement Description	Hot-swappable, user replaceable batteries. UPS requires 1 Replacement Battery Cartridge.
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
LED Indicators	4 status-indicating LEDs
SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Tower
Installation Form Factors Supported with Included Accessories	Tower
Unit Dimensions (hwd / in.)	13.600 x 8.400 x 16.200
Unit Weight (lbs.)	77.200
Unit Weight (kg)	35.02
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Relative Humidity	0 to 96%, non-condensing
AC Mode Efficiency Rating (100% Load)	0.88
Online Mode Heat Dissipation (BTU/Hr) @ Full Load	682
COMMUNICATIONS	
Network Management Cards	NETWORK-M2 ; INDGW-M2 ; RELAY-MS ; INDRELAY-MS
Communications Interface	DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)
FEATURES & SPECIFICATIONS	
High Availability UPS Features	Surge/noise protection

APPLICATIONS	
UPS Applications	Large Network
STANDARDS & COMPLIANCE	
Product Certifications	cUL Listed; UL Listed
Product Compliance	RoHS; REACH; CE (Europe); FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	3-year limited warranty

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