# Eaton 9SX 1500VA 1350W 120V Online Double-Conversion UPS - 6 NEMA 5-15R Outlets, Cybersecure Network Card Option, Extended Run, Tower

MODEL NUMBER: **9SX1500**







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 5-15P input and 6 NEMA 5-15R outlets (4 outlets in 2 switched load banks)
- 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

- 9SX1500 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 9SX1500 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 (9SXEBM48, 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 5-15R Outlets Protect Your Connected Components**
Six NEMA 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. Power provided by these outlets is filtered to protect connected equipment against damaging surges and line noise. Four outlets 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 9SX1500 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 5-15P plug connects to a compatible AC outlet.

# Specifications

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| **OVERVIEW** | |
| UPC Code | 743172091246 |
| UPS Type | On-Line |
| **INPUT** | |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| UPS Input Cord Length (ft.) | 8 |
| UPS Input Cord Length (m) | 2.4 |
| **OUTPUT** | |
| Output Capacity (VA) | 1500 |
| Output Capacity (kVA) | 1.5 |
| Output Capacity (Watts) | 1350 |
| Output Capacity (kW) | 1.35 |
| 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) 5-15R |
| Individually Controllable Load Banks | Yes |
| **BATTERY** | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 5.9 min. (1350W) |

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| Runtime Half Load (min.) | 16.5 min. (675W) |
| Expandable Runtime | Yes |
| Expandable Runtime Description | Add up to 4 EBMs |
| Internal UPS Replacement Battery Cartridge |  <a class="productLink" href="//tripplite.eaton.com/replacement-battery-for-eaton-9sx1500-9sx1500g-ups~744-A4312">744-A4312</a>  |
| 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.) | 9.900 x 6.300 x 17.100 |
| Unit Weight (lbs.) | 41.900 |
| Unit Weight (kg) | 19.01 |
| **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) | 90.44% |
| Online Mode Heat Dissipation (BTU/Hr) @ Full Load | 512 |
| **COMMUNICATIONS** | |
| Network Management Cards |  <a class="productLink" href="//tripplite.eaton.com/eaton-secure-gigabit-network-card-for-ups-systems~NETWORK-M2">NETWORK-M2</a> ;  <a class="productLink" href="//tripplite.eaton.com/eaton-industrial-gateway-card-mini-slot-for-ups-systems~INDGW-M2">INDGW-M2</a> ;  <a class="productLink" href="//tripplite.eaton.com/eaton-relay-serial-interface-card~RELAY-MS">RELAY-MS</a> ;  <a class="productLink" href="//tripplite.eaton.com/eaton-industrial-relay-card-for-ups-systems~INDRELAY-MS">INDRELAY-MS</a>  |
| Communications Interface | DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled) |
| **FEATURES & SPECIFICATIONS** | |
| High Availability UPS Features | Surge/noise protection |

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| **APPLICATIONS** | |
| UPS Applications | High-End Desktop/Small Network; 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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