

# Specifications

## Eaton 9PX1500IRT2U

Eaton 9PX UPS, 1500 VA, 1500 W, Input: C14, Outputs: (8) C13, Rack/tower, 2U



Photo is representative



### General Specifications

<b>PRODUCT NAME</b>	Eaton 9PX UPS
<b>CATALOG NUMBER</b>	9PX1500IRT2U
<b>UPC</b>	743172081414
<b>PRODUCT LENGTH/DEPTH</b>	45 cm
<b>PRODUCT HEIGHT</b>	8.65 cm
<b>PRODUCT WIDTH</b>	44 cm
<b>PRODUCT WEIGHT</b>	19.5 kg
<b>COMPLIANCES</b>	CISPR22 Class B CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B
<b>CERTIFICATIONS</b>	cULus Listed EAC CE ENERGY STAR certified IEC/EN 62040-1 IEC/EN 62040-2 UL 1778



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## Battery

**RUNTIME GRAPH** [View runtime graph](#)

### BATTERY MANAGEMENT

- ABM & Temperature compensated charging method (user selectable)
- Automatic battery test
- Deep discharge protection
- Automatic recognition of external battery units

### BATTERY REPLACEMENT

Hot-swappable internal batteries and extended battery modules (EBMs)

### BATTERY QUANTITY

4

### BATTERY RATING

12 V / 9 Ah

### BATTERY TYPE

Sealed, lead-acid

### EXTENDED BATTERY CAPABILITY

Yes

## Electrical input

### INPUT CONNECTION

C14

### INPUT NOMINAL VOLTAGE

230V default  
(200/208/220/230/240V)

### INPUT VOLTAGE RANGE

176-276 V (100-276 V with derating)

### NOMINAL FREQUENCY

50/60 Hz

### INPUT FREQUENCY RANGE

40-70 Hz

### INPUT POWER FACTOR

>.99

## Electrical output

### RECEPTACLE

(8) C13

### TOPOLOGY

Online/Double-conversion

### WATTAGE

1500 W

### VA RATING

1500 VA

### OUTPUT WAVEFORM

Sine wave

### VOLTAGE

230V

### OUTPUT POWER FACTOR

1

### OUTPUT NOMINAL VOLTAGE

230V default  
(200/208/220/230/240V)

### OUTPUT VOLTAGE RANGE

200/208/220/230/240 V +/- 1%

### VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX

3

### OUTPUT FREQUENCY

50/60 Hz

### FEED TYPE

1

## Communications

### COMMUNICATION

- USB port (HID compliant)
- Serial port (RS232)
- Mini terminal block for remote On/Off
- Mini-terminal block for remote power off
- Mini-terminal block for output relay
- Dry contacts (3 outputs, 1 input, optocoupler, DB9)

### EXPANSION SLOTS

One slot for optional communication card

### ETHERNET INTERFACE

No

### INCLUDES NETWORK CARD

No

### SOFTWARE COMPATIBILITY

Eaton Intelligent Power Manager, Eaton Intelligent Power Protector

### USER INTERFACE

Multilingual graphical LCD display

### TYPE OF INTERFACE

Other

<b>POTENTIAL FREE SWITCH CONTACT</b>	Yes
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## Environmental

<b>ALTITUDE</b>	3000 m
<b>BTU RATING</b>	Online: 386
<b>NOISE LEVEL</b>	<35 dB at 1 meter
<b>RELATIVE HUMIDITY</b>	0-96% non-condensing
<b>TEMPERATURE RANGE</b>	0° to 40°C (32° to 104°F)

## Additional specifications

- Double conversion topology
- Constantly monitors power conditions and regulates voltage and frequency
- First UPS in its class to provide Unity power factor (VA=W)
- Energy Star qualified, provides the highest efficiency level to reduce energy and cooling costs
- Internal bypass allows service continuity in case of UPS fault
- Next-generation graphical LCD display
- Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)
- Meter energy consumption (down to the managed outlet groups)
- Hot swappable batteries
- Advanced Battery Management (ABM) technology to increase battery lifetime
- Long backup time with up to 4 optional EBM

## SPECIAL FEATURES

<b>RACK SIZE</b>	2U
<b>CONSTRUCTION TYPE</b>	482.6 mm (19 inch) device
<b>RACK MOUNTING KIT</b>	Yes
<b>EFFICIENCY AT MAX. LOAD</b>	92.5

**PACKAGE CONTENTS**

- UPS
- (2) IEC-IEC output cables
- USB cable
- Serial cable
- (2) brackets for 19' mounting
- (2) Rack-mounting kit
- (2) Supports for tower mounting
- Cable locking system
- Safety instructions
- Quickstart guide

**PHASE (INPUT)** 1**PHASE (OUTPUT)** 1**INTERNAL BYPASS** Yes**HOT SWAP POWER** No**AUTO SHUTDOWN FUNCTION** Yes

## Resources

**APPLICATION NOTES**[Eaton solutions for Cisco IDF/MDF closets](#)**BROCHURES**[Eaton UPS and battery services - EN](#)[Eaton UPS Services Quick Guide - EN](#)**COMPLIANCE INFORMATION**[EU declaration of conformity Eaton 9PX UPS](#)**MANUALS AND USER GUIDES**[Eaton 9PX 1-3 kVA UPS - Quick Start Guide](#)[Eaton Bypass Power Module \(BPM\) user guide](#)**TECHNICAL DATA SHEETS**[Eaton 9PX 1000-3000W UPS - Datasheet](#)[Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation and user manual](#)

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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