Product specifications

Eaton 9PX1500IRT2U

Catalog Number: 9PX1500IRT2U

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

General specifications

Product Name	**Catalog Number**
Eaton 9PX UPS	9PX1500IRT2U
UPC	**Product Length/Depth**
743172081414	45 cm
Product Height	**Product Width**
8.65 cm	44 cm
Product Weight	**Warranty**
18.9 kg	2 year
Compliances	**Certifications**
CISPR22 Class B CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B	cULus Listed EAC CE ENERGY STAR certified IEC/EN 62040-1 IEC/EN 62040-2 UL 1778

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 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

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

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

Input frequency range

40-70 Hz

Input power factor

>.99

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

Potential free switch contact

Yes

Environmental

Altitude

3000 m

BTU Rating

Online: 386

Noise level

<35 dB at 1 meter

Relative humidity

0-96% non-condensing

Temperature range

0° to 40°C (32° to 104°F)

Additional specifications

Special features

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

Form factor

Rack/tower

Rack size

2U

Construction type

482.6 mm (19 inch) device

Rack mounting kit

Yes

Efficiency

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 network closet solutions brochure

Application guide: Small data center power protection solutions

9PX5KP1 and 9PX6KP1 interconnect diagram

Brochures

Eaton UPS and battery services

Eaton 9PX 700-3000 VA UPS brochure

Eaton UPS Services Quick Guide 2021

Compliance information

EU declaration of conformity Eaton 9PX UPS

Specifications and datasheets

9PX UPS altitude de-ratings

9PX technical specifications: 5 and 6 kVA

9PX 700-3000 VA UPS technical specification

9PX Split-phase technical specifications

9PX technical specifications: 8 and 11 kVA

9PX 3 kVA 3U UPS technical specification

Eaton 9PX UPS guide specification: 700-3000 VA

Technical data sheets

Eaton 9PX 1000-3000W UPS - Datasheet

User guides

9PX supercharger 240 Vdc user guide

9PX 700-3000 VA 2U UPS user guide

9PX UPS maintenance bypass user guide

9PX PPDM and transformers user guide

9PX UPS split-phase (8-10 kVA) user guide

Eaton Bypass Power Module (BPM) user guide

9PX UPS (8-11 kVA) user guide

Eaton 9PX 1-3 kVA UPS - Quick Start Guide

9PX 3 kVA 3U UPS user guide

9PX 2-post rack kit user guide

9PX UPS split-phase (6 kVA) guide

9PX UPS (5-6 kVA) user guide

9PX battery integration system user guide

Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation and user manual



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