Product specifications

Eaton 9PX1000IRT2U

Catalog Number: 9PX1000IRT2U

Eaton 9PX UPS, 1000 VA, 1000 W, Input: C14, Outputs: (8) C13, Rack/tower, 2U



Photo is representative

General Specifications

Product Name	**Catalog Number**
Eaton 9PX UPS	9PX1000IRT2U
Product Length/Depth	**Product Height**
45 cm	8.65 cm
Product Width	**Product Weight**
44 cm	17.4 kg
Warranty	**Compliances**
3 year on electronics, 2 year on battery	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
Certifications	**UPC**
IEC/EN 62040-1 UL 1778 IEC/EN 62040-2 CE cULus Listed EAC ENERGY STAR certified	743172081407

Powering Business Worldwide

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 / 7 Ah

Battery type

Sealed, lead-acid

Extended battery capability

Yes

Electrical output

Receptacle

(8) C13

Topology

Online/Double-conversion

Wattage

1000 W

VA rating

1000 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 frequency range

40-70 Hz

Input power factor

>.99

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

Potential free switch contact

Yes

Environmental

Altitude

3000 m

BTU Rating

Online: 290

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

91.5

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

Brochures

Eaton UPS Services Quick Guide - EN

Eaton UPS and battery services - EN

Compliance information

EU declaration of conformity Eaton 9PX UPS

Declarations of conformity

eaton-9px-declaration-of-conformity-en-us.pdf

Manuals and user guides

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

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

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