

Eaton 9PX3000IRT3U

Catalog Number: 9PX3000IRT3U

Eaton 9PX UPS, 3000 VA, 3000 W, Input: C20, Outputs: (8) C13, (2) C19, Rack/tower, 3U

General specifications

Product Name	Catalog Number
Eaton 9PX UPS	9PX3000IRT3U
UPC	Product Length/Depth
743172081391	48.5 cm
Product Height	Product Width
13 cm	44 cm
Product Weight	Warranty
27.41 kg	2 year
Compliances	Certifications
CE Marked	cULus Listed
TUV	EAC
cULus Listed	CE
CSA 22.2	ENERGY STAR certified
FCC part 15 Class B	IEC/EN 62040-1
CISPR22 Class B	UL 1778
	IEC/EN 62040-2



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

6

Battery rating

12 V / 9 Ah

Battery type

Sealed, lead-acid

Extended battery capability

Yes

Electrical output

Receptacle

(8) C13, (2) C19

Topology

Online/Double-conversion

Wattage

3000 W

VA rating

3000 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

C20 4

Input cord length

1.8m

Input nominal voltage

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

Input voltage range

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

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

Nominal frequency

50/60 Hz

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: 614

Noise level

<40 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

3U

Construction type

482.6 mm (19 inch) device

Rack mounting kit

Yes

Efficiency

Package contents

UPS

Input cable

(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

Application guide: Small data center power protection solutions

Eaton network closet solutions brochure

9PX5KP1 and 9PX6KP1 interconnect diagram

Brochures

Eaton 9PX 700-3000 VA UPS brochure

Eaton UPS and battery services

Eaton UPS Services Quick Guide 2021

Compliance information

EU declaration of conformity Eaton 9PX UPS

Specifications and datasheets

9PX 3 kVA 3U UPS technical specification

9PX UPS altitude de-ratings

Eaton Specification Sheet - 9PX3000IRT3U

9PX 700-3000 VA UPS technical specification

9PX technical specifications: 8 and 11 kVA

9PX technical specifications: 5 and 6 kVA

Eaton 9PX UPS guide specification: 700-3000 VA

9PX Split-phase technical specifications

Technical data sheets

Eaton 9PX 1000-3000W UPS - Datasheet

User guides

9PX 3 kVA 3U UPS user guide

9PX supercharger 240 Vdc user guide

9PX 2-post rack kit user guide

9PX battery integration system user guide

9PX UPS (5-6 kVA) user guide

9PX UPS split-phase (6 kVA) guide

Eaton Bypass Power Module (BPM) user guide

9PX PPDM and transformers user guide

9PX UPS maintenance bypass user guide

9PX 700-3000 VA 2U UPS user guide

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

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

9PX UPS (8-11 kVA) user guide

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



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30 Pembroke Road
Dublin 4, Ireland
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