

Eaton 9PX3000IRT2U

Catalog Number: 9PX3000IRT2U

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



Photo is representative

General specifications

Product Name

Eaton 9PX UPS

Catalog Number

9PX3000IRT2U

UPC

743172081384

Product Length/Depth

60.5 cm

Product Height

8.65 cm

Product Width

44 cm

Product Weight

28 kg

Warranty

3 year on electronics, 2 year on battery

Compliances

CE Marked

TUV

cULus Listed

CSA 22.2

FCC part 15 Class B

CISPR22 Class B

Certifications

cULus Listed

EAC

CE

ENERGY STAR certified

IEC/EN 62040-1

UL 1778

IEC/EN 62040-2

Product 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

Topology

Online/Double-conversion

Form factor

Rack/tower

Rack size

2U

Construction type

482.6 mm (19 inch) device

Color

Black/silver

VA rating

Resources

Application notes

[Eaton solutions for Cisco IDF/MDF closets](#)

[Application guide: Small data center power protection solutions](#)

[Eaton network closet solutions brochure](#)

[9PX5KP1 and 9PX6KP1 interconnect diagram](#)

Brochures

[Eaton UPS Services Quick Guide - EN](#)

[Eaton 9PX 700-3000 VA UPS brochure](#)

[Eaton UPS and battery services - EN](#)

Compliance information

[EU declaration of conformity Eaton 9PX UPS](#)

Manuals and user guides

[Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation and user manual](#)

Manuals and user guides

[9PX UPS split-phase \(6 kVA\) guide](#)

[9PX 700-3000 VA 2U UPS user guide](#)

[9PX UPS \(8-11 kVA\) user guide](#)

[9PX 2-post rack kit user guide](#)

[9PX UPS split-phase \(8-10 kVA\) user guide](#)

[Eaton 9PX 1-3 kVA UPS - Quick Start Guide](#)

[9PX battery integration system user guide](#)

[9PX PPDM and transformers user guide](#)

[9PX supercharger 240 Vdc user guide](#)

[Eaton Bypass Power Module \(BPM\) user guide](#)

[9PX 3 kVA 3U UPS user guide](#)

[9PX UPS \(5-6 kVA\) user guide](#)

Specifications and datasheets

[9PX 3 kVA 3U UPS technical specification](#)

[9PX UPS altitude de-ratings](#)

[Eaton 9PX UPS guide specification: 700-3000 VA](#)

[9PX 700-3000 VA UPS technical specification](#)

[Eaton Specification Sheet - 9PX3000IRT2U](#)

[9PX technical specifications: 8 and 11 kVA](#)

[9PX Split-phase technical specifications](#)

[9PX technical specifications: 5 and 6 kVA](#)

3000 VA

[Technical data sheets](#)

[Wattage](#)

[Eaton 9PX 1000-3000W UPS - Datasheet](#)

3000 W

[Rack mounting kit](#)

Yes

[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

[Internal bypass](#)

Yes

[Hot swap power](#)

No

[Auto shutdown function](#)

Yes

[Primary frequency - max](#)

70 Hz

[Primary frequency - min](#)

40 Hz

[Input connection](#)

C20 C20" class="lazyload"/> 4

[Input cord length](#)

1.8m

[Input nominal voltage](#)

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

[Nominal frequency](#)

50/60 Hz

[Input frequency range](#)

40-70 Hz

[Input power factor](#)

>.99

Receptacle

(8) C13, (2) C19

Number of Outputs C13

8

Number of Outputs C19

2

Output waveform

Sine wave

Voltage

230V

Output nominal voltage

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

Feed type

1

Voltage type

AC

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 rating

12 V / 9 Ah

Battery type

Sealed, lead-acid

Extended battery capability

Yes

Runtime at half load

9.5 min

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

Potential free switch contact

Yes

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)

Input voltage - max

276 V

Input voltage - min

100 V

Output voltage - max

240 V

Output voltage - min

200 V

Secondary frequency - max

60 Hz

Secondary frequency - min

50 Hz

Battery quantity

6

Efficiency

94

Efficiency (eco-mode)

98

Input voltage range

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

Max number of battery packs

4

Output frequency

50/60 Hz

Output power factor

1

Output voltage range

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

Phase (input)

1

Phase (output)

1

Runtime at full load

3 min

Voltage distortion output (linear load) - max

3



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2025 Eaton. All rights reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)