

Eaton 9PX3000IRT2U-L

Catalog Number: 9PX3000IRT2U-L

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

General specifications

Product Name	Catalog Number
Eaton 9PX UPS	9PX3000IRT2U-L
UPC	Product Length/Depth
743172105325	605 mm
Product Height	Product Width
86.5 mm	440 mm
Product Weight	Warranty
22.8 kg	5 year 2 year
Compliances	
CE Marked	



Battery

Runtime graph

[View runtime graph](#)

Battery management

Lithium-ion batteries with battery management system
Automatic recognition of external battery units

Battery replacement

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

Battery type

Lithium-ion

Extended battery capability

Yes

Electrical output

Receptacle

(8) C13, (2) C19

Topology

Online/Double-conversion

Wattage

2400 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

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

- Lithium-ion batteries
- Double conversion topology
- Constantly monitors power conditions and regulates voltage and frequency
- 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)
- 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

94

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

Brochures

[Eaton UPS and battery services](#)

[Eaton UPS Services Quick Guide 2021](#)

User guides

[Eaton 9PX Lithium-Ion UPS Quick Start Guide](#)

[Eaton 9PX Lithium-Ion Advanced Users Guide](#)



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