

# Eaton 9PX2000RTN-L

Catalog Number: 9PX2000RTN-L

Eaton 9PX lithium ion UPS, 2U, 2000 VA, 1800 W, 5-20P input, Outputs: (6) 5-20R, (1) L5-20R, 120V, includes network card

Photo is representative

General specifications

Product Name	Catalog Number
Eaton 9PX UPS	9PX2000RTN-L
UPC	Product Length/Depth
786689526177	23.8 in
Product Height	Product Width
3.4 in	17.3 in
Product Weight	Warranty
51.6 lb	5 year limited
Compliances	Certifications
CE Marked	cULus Listed
FCC part 15 Class B	NOM
IEC 62040-2 Cat C1	



## Battery

### [Runtime graph](#)

[View runtime graph](#)

### [Battery management](#)

Integrated battery management system (BMS) for temperature regulation and life cycle monitoring

### [Battery replacement](#)

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

### [Battery type](#)

Lithium-ion

### [Battery Chemistry](#)

Lithium Iron Phosphate (LiFePo4)

### [Extended battery capability](#)

Add up to 4 extended battery modules (EBM). Part number 9PXEBM72RT-L

## Electrical output

### [Receptacle](#)

(6) 5-20R, (1) L5-20R, 120V

### [Topology](#)

Online/Double-conversion

### [Wattage](#)

1800 W

### [VA rating](#)

2000 VA

### [Output waveform](#)

True sine wave

### [Voltage](#)

120V

### [Output power factor](#)

0.9

### [Output nominal voltage](#)

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

### [Output voltage range](#)

±1% steady-state

### [Output frequency](#)

50/60 Hz

## Electrical input

### [Input connection](#)

5-20P

### [Input cord length](#)

8 ft

### [Input nominal voltage](#)

120V default (100/110/120/125V)

### [Input frequency range](#)

60 Hz: 50-70 Hz, 50 Hz: 40-60 Hz

### [Input power factor](#)

>0.99 typical

## Communications

### [Communication](#)

RS-232 (RJ45) ports; USB port as standard (HID). 6-foot RS-232 and USB cables included

### [Expansion slots](#)

(1) Mini-Slot (MS) expansion port with Gigabit Network Card (NETWORK-M2) included

### [Ethernet interface](#)

Yes

### [Includes network card](#)

Yes

### [Software compatibility](#)

Intelligent Power Software Suite

### [User interface](#)

Graphical display, 5-button programmable menu

## Environmental

### Altitude

0-1500m (0° to 40°C), 1500-3000m (0° to 35°C)

### BTU Rating

Online: 578, Battery: 974

### Noise level

<47 dB at 1 meter

### Relative humidity

0-96% non-condensing

### Temperature range

0° to 40°C (32° to 104°F)

## Additional specifications

### Special features

Gigabit Network Card (NETWORK-M2) included

### Form factor

Rack/tower

### Rack size

2U

### Rack mounting kit

Yes

### Efficiency

91 %

### Package contents

UPS

Quick start guide

Safety instructions

USB communication cable

RS-232 serial

communication cable

4-post rail for 19-inch

enclosures

Software leaflet

Software leaflet

2 pedestals for tower position

Gigabit Network Card

(NETWORK-M2)

### Internal bypass

## Warranty and support

### Standard factory warranty

5-YEAR FACTORY

WARRANTY

- 5 years

- Parts, electronics and

batteries coverage

- Standard ground shipping

- Technical support

## Resources

### Brochures

Eaton 9PX lithium-ion UPS brochure

Lithium-ion battery application note

Eaton Lithium-ion battery benefits

### Competitive comparisons

9PX Lithium-ion UPS Competitive Comparison Battlecard

### Drawings

Eaton 9PX lithium-ion 2-3 kVA 2D drawing

### Manuals and user guides

Eaton 9PX lithium-ion UPS (1-3 kVA) user guide

### Specifications and datasheets

Eaton 9PX lithium-ion UPS technical specifications

Eaton Specification Sheet - 9PX2000RTN-L

Yes

[Eaton 9PX lithium-ion UPS guide specification: 1-3 kVA](#)

[Warranty guides](#)

[Eaton 9PX lithium-ion UPS warranty](#)



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