

# Eaton 9PX2000RT

Catalog Number: 9PX2000RT

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

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton 9PX UPS	9PX2000RT
<b>UPC</b>	<b>Product Length/Depth</b>
743172081278	23.8 in
<b>Product Height</b>	<b>Product Width</b>
3.4 in	17.3 in
<b>Product Weight</b>	<b>Warranty</b>
75 lb	3 year limited
<b>Compliances</b>	<b>Certifications</b>
IEC 62040-2 Cat C1	cULus Listed
CISPR22 Class B	NOM
FCC part 15 Class B	ENERGY STAR certified
VCCI Class B	

## Battery

### Runtime graph

[View runtime graph](#)

### Battery management

ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement)

### Battery replacement

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

### Battery type

Sealed, lead-acid

### Extended battery capability

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

## Electrical output

### Receptacle

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

### 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

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

### Output voltage range

±1% steady-state

### Output frequency

50/60 Hz

## Electrical input

### Input connection

5-20P 4

### 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

MiniSlot + 1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay Communication slot

### Expansion slots

(1) Mini-Slot (MS) expansion port. The following optional connectivity cards may be ordered separately.  
Gigabit Network Card part number: NETWORK-M2  
Modbus card part number: INDGW-M2

Relay card part number:  
RELAY-MS

#### 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

#### Form factor

Rack/tower

#### Rack size

2U

#### Rack mounting kit

Yes

#### Efficiency

91%

#### Package contents

9PX2000RT UPS  
4-post rail kit  
Safety manual  
User manual  
Tower pedestals  
RS-232 serial cable  
USB cable  
Intelligent Power Software Suite CD

#### Internal bypass

Yes

### Warranty and support

#### Standard factory warranty

3-YEAR FACTORY  
WARRANTY

- 3 years
- Parts, electronics and batteries coverage
- Standard ground shipping
- Technical support

#### Extended service plans

ADVANCED DEPOT  
EXCHANGE

- 5-year depot repair: 9SW5Y-2200UC
- Expedited parts coverage for 5 years
- Parts, electronics and UPS batteries coverage
- Next business day shipping
- Technical support

5-YEAR ON-SITE PLAN: WFLN75XX-2509UC

- On-site parts and labor coverage for years 5
- Parts, electronics and UPS batteries coverage
- 24x7 on-site labor

coverage, next-day  
response

- Next-day shipping
- Technical support

## Resources

### Brochures

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

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

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

### Drawings

[Eaton 9PX UPS 2000-3000 VA 120V outline drawing](#)

[Eaton 9PX UPS 2000RT technical drawing](#)

[Battery Integration System Pro-E drawing](#)

### Manuals and user guides

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

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

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

### Specifications and datasheets

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

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

[Eaton Specification Sheet - 9PX2000RT](#)



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