

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



Product Name
Eaton 9PX UPS

Catalog Number
9PX2000RT

UPC
743172081278

Product Length/Depth
23.8 in

Product Height
3.4 in

Product Width
17.3 in

Product Weight
61.5 lb

Warranty
3 year limited

Compliances
IEC 62040-2 Cat C1
CISPR22 Class B
FCC part 15 Class B
VCCI Class B

Certifications
cULus Listed
NOM
ENERGY STAR certified
ICC-ES AC156 OSHPD Seismic certified

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 5-20P" class="lazyload"/> 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-M3
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 9PX 700-3000 VA UPS brochure](#)

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

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

Drawings

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

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

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

Manuals and user guides

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

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

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

Specifications and datasheets

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

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

[Eaton Specification Sheet - 9PX2000RT](#)



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)