

Specifications

Eaton 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
GLOBAL CATALOG	9PX2000RT
PRODUCT TYPE	UPS



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Battery

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 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

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

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
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EXPANSION SLOTS	<ul style="list-style-type: none">• (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
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SOFTWARE COMPATIBILITY	Intelligent Power Software Suite
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USER INTERFACE	Graphical display, 5-button programmable menu
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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

RACK SIZE	2U
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	91

PACKAGE CONTENTS

- 2000VA 1800W 120V 9PX Online Double-Conversion UPS with 7 Outlets
- USB cable
- RS-232 cable
- Rack-mounting hardware
- Tower support stands
- Safety guide
- Quick Start Guide

INTERNAL BYPASS	Yes
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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
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- 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 2000RT technical drawing](#)

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

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

MANUALS AND USER GUIDES

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

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

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

SPECIFICATIONS AND DATASHEETS

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

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

[Eaton Specification Sheet - 9PX2000RT](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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