

# Specifications



Photo is representative



## Eaton 9PX3000IRT3U

Eaton 9PX UPS, 3000 VA, 3000 W, Input: C20, Outputs: (8) C13, (2) C19, Rack/tower, 3U

### General specifications

|                      |                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------|
| PRODUCT NAME         | Eaton 9PX UPS                                                                                     |
| CATALOG NUMBER       | 9PX3000IRT3U                                                                                      |
| UPC                  | 743172081391                                                                                      |
| PRODUCT LENGTH/DEPTH | 48.5 cm                                                                                           |
| PRODUCT HEIGHT       | 13 cm                                                                                             |
| PRODUCT WIDTH        | 44 cm                                                                                             |
| PRODUCT WEIGHT       | 28 kg                                                                                             |
| COMPLIANCES          | CE Marked<br>TUV<br>cULus Listed<br>CSA 22.2<br>FCC part 15 Class B<br>CISPR22 Class B            |
| CERTIFICATIONS       | cULus Listed<br>EAC<br>CE<br>ENERGY STAR certified<br>IEC/EN 62040-1<br>UL 1778<br>IEC/EN 62040-2 |
| GLOBAL CATALOG       | 9PX3000IRT3U                                                                                      |
| PRODUCT TYPE         | UPS                                                                                               |

## Battery

### BATTERY MANAGEMENT

- ABM & Temperature compensated charging method (user selectable)
- Automatic battery test
- Deep discharge protection
- Automatic recognition of external battery units

### BATTERY REPLACEMENT

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

### BATTERY QUANTITY

6

### BATTERY RATING

12 V / 9 Ah

### BATTERY TYPE

Sealed, lead-acid

### EXTENDED BATTERY CAPABILITY

Yes

## 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)

### NOMINAL FREQUENCY

50/60 Hz

### INPUT FREQUENCY RANGE

40-70 Hz

### INPUT POWER FACTOR

>.99

## Electrical output

### RECEPTACLE

(8) C13, (2) C19

### TOPOLOGY

Online/Double-conversion

### WATTAGE

3000 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

## 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

### 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

Yes

## Environmental

|                          |                           |
|--------------------------|---------------------------|
| <b>ALTITUDE</b>          | 3000 m                    |
| <b>BTU RATING</b>        | Online: 614               |
| <b>NOISE LEVEL</b>       | <40 dB at 1 meter         |
| <b>RELATIVE HUMIDITY</b> | 0-96% non-condensing      |
| <b>TEMPERATURE RANGE</b> | 0° to 40°C (32° to 104°F) |

## CONTACT

## Additional specifications

### SPECIAL FEATURES

- Double conversion topology
- Constantly monitors power conditions and regulates voltage and frequency
- First UPS in its class to provide Unity power factor (VA=W)
- 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)
- Hot swappable batteries
- Advanced Battery Management (ABM) technology to increase battery lifetime
- Long backup time with up to 4 optional EBM

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| <b>RACK SIZE</b>               | 3U                                                    |
| <b>CONSTRUCTION TYPE</b>       | 482.6 mm (19 inch) device                             |
| <b>RACK MOUNTING KIT</b>       | Yes                                                   |
| <b>EFFICIENCY AT MAX. LOAD</b> | 94                                                    |
| <b>PACKAGE CONTENTS</b>        | <ul style="list-style-type: none"><li>• UPS</li></ul> |

|                               |                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | <ul style="list-style-type: none"> <li>• Input cable</li> <li>• (2) IEC-IEC output cables</li> <li>• USB cable</li> <li>• Serial cable</li> <li>• (2) brackets for 19" mounting</li> <li>• (2) Rack-mounting kit</li> <li>• (2) Supports for tower mounting</li> <li>• Cable locking system</li> <li>• Safety instructions</li> <li>• Quickstart guide</li> </ul> |
| <b>PHASE (INPUT)</b>          | 1                                                                                                                                                                                                                                                                                                                                                                 |
| <b>PHASE (OUTPUT)</b>         | 1                                                                                                                                                                                                                                                                                                                                                                 |
| <b>INTERNAL BYPASS</b>        | Yes                                                                                                                                                                                                                                                                                                                                                               |
| <b>HOT SWAP POWER</b>         | No                                                                                                                                                                                                                                                                                                                                                                |
| <b>AUTO SHUTDOWN FUNCTION</b> | Yes                                                                                                                                                                                                                                                                                                                                                               |

## Resources

|                               |                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| APPLICATION NOTES             | <a href="#">Eaton solutions for Cisco IDF/MDF closets</a>                                                             |
| BROCHURES                     | <a href="#">Eaton UPS Services Quick Guide - EN</a><br><a href="#">Eaton UPS and battery services - EN</a>            |
| MANUALS AND USER GUIDES       | <a href="#">Eaton 9PX Maintenance Bypass User Guide</a><br><a href="#">Eaton Bypass Power Module (BPM) user guide</a> |
| PEP ECO-PASSPORT              | <a href="#">eaton-double-conversion-network-ups-pep-eato-00338-v0101-en.pdf</a>                                       |
| SPECIFICATIONS AND DATASHEETS | <a href="#">Eaton Specification Sheet - 9PX3000IRT3U</a>                                                              |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

