

Specifications



Photo is representative

Eaton 9PX2200IRTBP

Eaton 9PX UPS HotSwap HW, 2200 VA, 2200 W, Input: Hardwired, Outputs: Hardwired, Rack/tower, 3U

General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX2200IRTBP
MODEL CODE	Eaton 9PX 2200i RT3U HotSwap HW
UPC	743172081483
PRODUCT LENGTH/DEPTH	48.5 cm
PRODUCT HEIGHT	13 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	28 kg
COMPLIANCES	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
CERTIFICATIONS	EAC CE ENERGY STAR certified IEC/EN 62040-1 UL 1778 IEC/EN 62040-2
GLOBAL CATALOG	9PX2200IRTBP
PRODUCT TYPE	UPS



Powering Business Worldwide

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 / 7 Ah

BATTERY TYPE

Sealed, lead-acid

EXTENDED BATTERY CAPABILITY

Yes

RUNTIME AT FULL LOAD

3 min

RUNTIME AT HALF LOAD

10 min

Electrical input

INPUT CONNECTION

Hardwired/fixed connection

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

Hardwired

TOPOLOGY

Online/Double-conversion

WATTAGE

2200 W

VA RATING

2200 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 CONTACT	Yes

Environmental

ALTITUDE	3000 m
BTU RATING	Online: 488
NOISE LEVEL	<40 dB at 1 meter
RELATIVE HUMIDITY	0-96% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

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

RACK SIZE	3U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	93

PACKAGE CONTENTS

- UPS
- Input cable
- Maintenance Bypass
- (2) IEC-IEC output cables
- USB cable
- Serial cable
- (2) brackets for 19" mounting
- (2) Rack-mounting kit
- (2) Supports for tower mounting
- Cable locking system
- Safety instructions
- Quickstart guide

PHASE (INPUT)	1
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PHASE (OUTPUT)	1
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INTERNAL BYPASS	Yes
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HOT SWAP POWER	Yes
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AUTO SHUTDOWN FUNCTION	Yes
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Resources

APPLICATION NOTES

[Eaton solutions for Cisco IDF/MDF closets](#)

BROCHURES

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

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

MANUALS AND USER GUIDES

[Eaton 9PX Maintenance Bypass User Guide](#)

[Eaton Bypass Power Module \(BPM\) user guide](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - 9PX2200IRTBPH](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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