

Specifications



Eaton 9PX2200IRTBDP

Eaton 9PX UPS HotSwap DIN, 2200 VA, 2200 W, Input: C20, Outputs: (4) Schuko, (1) C19, Rack/tower, 3U

General Specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX2200IRTBDP
UPC	743172081520
PRODUCT LENGTH/DEPTH	48.5 cm
PRODUCT HEIGHT	13 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	30 kg
WARRANTY	3 year on electronics, 2 year on battery
COMPLIANCES	CSA 22.2 FCC part 15 Class B cULus Listed CISPR22 Class B CE Marked TUV
CERTIFICATIONS	EAC UL 1778 ENERGY STAR certified CE IEC/EN 62040-1 IEC/EN 62040-2
MODEL CODE	Eaton 9PX 2200i RT3U HotSwap DIN



Powering Business Worldwide

Battery

RUNTIME GRAPH

[View runtime graph](#)

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

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

(4) Schuko, (1) C19

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

FORM FACTOR	Rack/tower
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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
PHASE (OUTPUT)	1
INTERNAL BYPASS	Yes
HOT SWAP POWER	Yes
AUTO SHUTDOWN FUNCTION	Yes

Resources

APPLICATION NOTES	Eaton solutions for Cisco IDF/MDF closets
BROCHURES	Eaton UPS Services Quick Guide - EN Eaton UPS and battery services - EN
COMPLIANCE INFORMATION	EU declaration of conformity Eaton 9PX UPS
MANUALS AND USER GUIDES	Eaton Bypass Power Module (BPM) user guide Eaton 9PX 1-3 kVA UPS - Quick Start Guide
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 9PX2200IRTBPD
TECHNICAL DATA SHEETS	Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation and user manual Eaton 9PX 1000-3000W UPS - Datasheet

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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