Specifications

Photo is representative

Eaton 9PX2200IRT2U

Eaton 9PX UPS, 2200 VA, 2200 W, Input: C20, Outputs: (8) C13, (2) C19, Rack/tower, 2U

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX2200IRT2U
UPC	743172081360
PRODUCT LENGTH/DEPTH	60.5 cm
PRODUCT HEIGHT	8.65 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	28 kg
WARRANTY	3 year on electronics, 2 year on battery
COMPLIANCES	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
CERTIFICATIONS	cULus Listed EAC CE ENERGY STAR certified IEC/EN 62040-1 UL 1778 IEC/EN 62040-2

EAT•N

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 output

RECEPTACLE	(8) C13, (2) 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

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

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

Additional specifications

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)

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
RACK SIZE	2U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
RACK MOUNTING KIT	Yes
EFFICIENCY	93.5

PACKAGE CONTENTS

- UPS
- Input cable
- (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	No
AUTO SHUTDOWN FUNCTION	Yes

Resources

APPLICATION NOTES	Eaton network closet solutions brochure 9PX5KP1 and 9PX6KP1 interconnect diagram Eaton solutions for Cisco IDF/MDF closets Application guide: Small data center power protection solutions
BROCHURES	Eaton UPS Services Quick Guide - EN Eaton UPS and battery services - EN Eaton 9PX 700-3000 VA UPS brochure
COMPLIANCE INFORMATION	EU declaration of conformity Eaton 9PX UPS
MANUALS AND USER GUIDES	Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation and user manual 9PX UPS (5-6 kVA) user guide Eaton Bypass Power Module (BPM) user guide 9PX 3 kVA 3U UPS user guide 9PX battery integration system user guide 9PX 2-post rack kit user guide 9PX UPS split-phase (8-10 kVA) user guide 9PX UPS split-phase (6 kVA) guide 9PX 700-3000 VA 2U UPS user guide 9PX PPDM and transformers user guide 9PX UPS (8-11 kVA) user guide Eaton 9PX 1-3 kVA UPS - Quick Start Guide 9PX supercharger 240 Vdc user guide
SPECIFICATIONS AND DATASHEETS	9PX UPS altitude de-ratings Eaton 9PX UPS guide specification: 700-3000 VA 9PX technical specifications: 8 and 11 kVA Eaton Specification Sheet - 9PX2200IRT2U

TECHNICAL DATA SHEETS	Eaton 9PX 1000-3000W UPS - Datasheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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.

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