

# Eaton 9PX2200IRT3U

Catalog Number: 9PX2200IRT3U

Eaton 9PX UPS, 2200 VA, 2200 W, Input: C20, Outputs: (8) C13, (2) C19, Rack/tower, 3U



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton 9PX UPS	9PX2200IRT3U
<b>UPC</b>	<b>Product Length/Depth</b>
743172081377	48.5 cm
<b>Product Height</b>	<b>Product Width</b>
13 cm	44 cm
<b>Product Weight</b>	<b>Warranty</b>
28 kg	3 year on electronics, 2 year on battery
<b>Compliances</b>	<b>Certifications</b>
CE Marked	cULus Listed
TUV	EAC
cULus Listed	CE
CSA 22.2	ENERGY STAR certified
FCC part 15 Class B	IEC/EN 62040-1
CISPR22 Class B	UL 1778
	IEC/EN 62040-2

## 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 C20" class="lazyload"/> 4

### 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)

## 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

Nominal frequency

50/60 Hz

Input frequency range

40-70 Hz

Input power factor

>.99

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

#### Rack size

3U

#### 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 solutions for Cisco IDF/MDF closets

Application guide: Small data center power protection solutions

Eaton network closet solutions brochure

9PX5KP1 and 9PX6KP1 interconnect diagram

### Brochures

Eaton UPS Services Quick Guide - EN

Eaton UPS and battery services - EN

Eaton 9PX 700-3000 VA UPS brochure

### Case studies

### Competitive comparisons

### Compliance information

EU declaration of conformity Eaton 9PX UPS

### Cross references

### Drawings

### Manuals and user guides

Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation  
and user manual

### Manuals and user guides

9PX 700-3000 VA 2U UPS user guide

9PX UPS split-phase (6 kVA) guide

9PX UPS split-phase (8-10 kVA) user guide

9PX UPS (8-11 kVA) user guide

Eaton 9PX 1-3 kVA UPS - Quick Start Guide

9PX 2-post rack kit user guide

9PX supercharger 240 Vdc user guide

9PX UPS (5-6 kVA) user guide

Eaton Bypass Power Module (BPM) user guide

9PX 3 kVA 3U UPS user guide

9PX PPDM and transformers user guide

9PX battery integration system user guide

### Sales notes

### Specifications and datasheets

Eaton Specification Sheet - 9PX2200IRT3U

9PX 700-3000 VA UPS technical specification

9PX technical specifications: 5 and 6 kVA

[9PX 3 kVA 3U UPS technical specification](#)

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

[9PX Split-phase technical specifications](#)

[9PX technical specifications: 8 and 11 kVA](#)

[9PX UPS altitude de-ratings](#)

#### [Technical data sheets](#)

[Eaton 9PX 1000-3000W UPS - Datasheet](#)



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

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