

# Eaton 5PX2200IRT

Catalog Number: 5PX2200IRT

Eaton 5PX UPS, 2200 VA, 1980 W, Input: C20, Outputs: (8) C13, (1) C19, Rack/tower 2U

## General specifications

|                |  |
|----------------|--|
| Product Name   | Catalog Number   |
| Eaton 5PX UPS  | 5PX2200IRT   |
| UPC            | Product Length/Depth   |
| 743172035882   | 441 mm   |
| Product Height | Product Width  |
| 86.2 mm        | 522 mm   |
| Product Weight | Warranty   |
| 28.5 kg        | 3 year on electronics, 3 year on batteries with registration |
| Compliances    | Certifications   |
| CE Marked      | IEC/EN 62040-1   |
| TUV            | UL 1778  |
|                | IEC/EN 62040-2   |
|                | CE   |
|                | EAC  |
|                | cTUVus   |

## Product specifications

### Secondary frequency - max

60 Hz

### Output waveform

Sine wave

### Max number of battery packs

4

### Wattage

1980 W

### Output power factor

0.9

### Form factor

Rack/tower

### Enclosure

Black/silver

### Includes network card

No

### Input connection

C20

### Input voltage - min

150 V

### Output voltage - max

240 V

### Secondary frequency - min

50 Hz

### Software compatibility

Eaton Intelligent Power Manager, Eaton Intelligent Power Protector

### Battery replacement

User replaceable

### Battery type

Lead-acid maintenance-free (replaceable)

### Efficiency

97

### Special features

Automatic Voltage Regulation (AVR)

Energy efficient, reduce energy and cooling costs

## Resources

### Brochures

Eaton UPS and battery services

Eaton UPS Services Quick Guide 2021

Eaton 5PX UPS brochure

### Drawings

5PX 2200iRT technical drawing

5PX mounting ears technical drawing

### Specifications and datasheets

Eaton Specification Sheet - 5PX2200IRT

### Technical data sheets

Eaton 5PX UPS - Datasheet

### User guides

Eaton 5PX UPS 230V models user manual

Eaton 5PX UPS - Quick Start Guide

Eaton 5PX UPS - Installation and user manual

Delivers clean sinewave output  
Provides more real power (watts) to protect more equipment with a 0.9 power factor  
LCD display for real-time status and measurements  
Long backup time with up to 4 optional EBM  
Meter energy consumption (down to the managed outlet groups)  
Versatile product for rack or tower installation  
1 slot for optional com card (Network management card, Relay card or Network and Industrial card)  
Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)  
Fully integrates with Eaton Intelligent Power Manager software  
1 USB port + 1 serial port

#### Construction type

482.6 mm (19 inch) device

#### Output voltage - min

200 V

#### Color

Black/silver

#### Extended battery capability

Yes

#### Output voltage range

230 V (+6%/-10%)

#### Topology

Line-interactive

#### BTU Rating

Online: 205

#### Runtime at half load

7.5 min

#### Input nominal voltage

230V default (200/208/220/230/240V)

#### Input frequency range

47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode

#### Input voltage - max

294 V

#### Voltage type

AC

#### Phase (output)

1

### Battery management

ABM & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection, automatic recognition of external battery units

### Auto shutdown function

Yes

### Number of Outputs C13

8

### Number of Outputs C19

1

### VA rating

2200 VA

### Potential free switch contact

Yes

### Receptacle

(8) C13, (1) C19

### Phase (input)

1

### Package contents

Input cable

Rack-mounting kit

(2) Supports for tower mounting

Cable locking system

USB cable

Serial cable

(2) IEC-IEC cables

Quickstart guide

Safety instructions

### Noise level

<40 dB at 1 meter

### Feed type

1

### Runtime graph

View runtime graph

### User interface

Multilingual graphical LCD display

### Battery quantity

4

### Rack size

2U

Voltage

230V

Input cord length

1.8m

Temperature range

0-90% non-condensing

Ethernet interface

No

Communication

USB port (HID compliant)

Serial port (RS232)

Mini-terminal block for remote On/Off and Remote Power Off

Dry contacts (2 outputs, optocoupler, RJ)

Relative humidity

0-90% non-condensing

Rack mounting kit

Yes

Output frequency

50/60 Hz

Runtime at full load

2 min

Type of interface

Other

Primary frequency - min

47 Hz

Battery rating

12 V / 9 Ah

Type

UPS

Output nominal voltage

230V default (200/208/220/230/240V)

Expansion slots

One slot for optional communication card

Input voltage range

160-294 V (adjustable to 150 V-294 V)

Nominal frequency

50-60 Hz

Primary frequency - max

70 Hz

Altitude

3000 m



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