Product specifications

Eaton 5PX1500IRT



Catalog Number: 5PX1500IRT

Eaton 5PX UPS, 1500 VA, 1350 W, Input: C14, Outputs: (8) C13, Rack/tower, 2U

General specifications

Product Name
Eaton 5PX UPS

Catalog Number
5PX1500IRT

UPC
743172035875

Product Length/Depth
441 mm

Product Height
86.2 mm

Product Width
522 mm

Product Weight
27.6 kg

Warranty
3 year on electronics, 3 year on batteries with registration

Compliances
CE Marked
TUV

Certifications
IEC/EN 62040-1
UL 1778
IEC/EN 62040-2
CE
EAC
cTUVus

Powering Business Worldwide

defaultTaxonomyAttributeLabel

Special features

- Automatic Voltage Regulation (AVR)
- Energy efficient, reduce energy and cooling costs
- 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

Type

UPS

Topology

Line-interactive

Form factor

Rack/tower

Rack size

2U

Construction type

482.6 mm (19 inch) device

Resources

Brochures

Eaton UPS and battery services - EN

Eaton 5PX UPS brochure

Eaton UPS Services Quick Guide - EN

Compliance information

EU DoC Eaton 5PX

Drawings

5PX 1500iRT technical drawing

5PX mounting ears technical drawing

Manuals and user guides

Eaton 5PX UPS - Installation and user manual

Eaton 5PX UPS - Quick Start Guide

Eaton 5PX UPS 230V models user manual

Specifications and datasheets

Eaton Specification Sheet - 5PX1500IRT

Technical data sheets

Eaton 5PX UPS - Datasheet

Color

Black/silver

Enclosure

Black/silver

VA rating

1500 VA

Wattage

1350 W

Rack mounting kit

Yes

Package contents

Rack-mounting kit
(2) Supports for tower mounting
Cable locking system
USB cable
Serial cable
(2) IEC-IEC cables
Quickstart guide
Safety instructions

Auto shutdown function

Yes

Primary frequency - max

70 Hz

Primary frequency - min

47 Hz

Input connection

C14

Input nominal voltage

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

Nominal frequency

50-60 Hz

Input frequency range

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

Receptacle

(8) C13

Number of Outputs C13

8

Output waveform

Sine wave

Voltage

230V

Output nominal voltage

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

Feed type

1

Voltage type

AC

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

User replaceable

Battery rating

12 V / 7 Ah

Battery type

Lead-acid maintenance-free (replaceable)

Extended battery capability

Yes

Runtime at half load

10 min

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)

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

Altitude

3000 m

BTU Rating

Online: 140

Noise level

<40 dB at 1 meter

Relative humidity

0-90% non-condensing

Temperature range

0-90% non-condensing

Input voltage - max

294 V

Input voltage - min

150 V

Output voltage - max

240 V

Output voltage - min

200 V

Secondary frequency - max

60 Hz

Secondary frequency - min

50 Hz

Battery quantity

4

Efficiency

97

Input voltage range

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

Max number of battery packs

4

Output frequency

50/60 Hz

Output power factor

0.9

Output voltage range

230 V (+6%/-10%)

Phase (input)

1

Phase (output)

1

Runtime at full load

3 min

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