

Eaton 5PX1500IRT

Catalog Number: 5PX1500IRT

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

General specifications

Product Name	Catalog Number
Eaton 5PX UPS	5PX1500IRT
UPC	Product Length/Depth
743172035875	441 mm
Product Height	Product Width
86.2 mm	522 mm
Product Weight	Warranty
27.6 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

1350 W

Output power factor

0.9

Form factor

Rack/tower

Enclosure

Black/silver

Includes network card

No

Input connection

C14

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 5PX UPS brochure](#)

[Eaton UPS Services Quick Guide 2021](#)

Compliance information

[EU DoC Eaton 5PX](#)

Drawings

[5PX mounting ears technical drawing](#)

[5PX 1500iRT technical drawing](#)

Specifications and datasheets

[Eaton Specification Sheet - 5PX1500iRT](#)

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: 140

Runtime at half load

10 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

VA rating

1500 VA

Potential free switch contact

Yes

Receptacle

(8) C13

Phase (input)

1

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

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

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

3 min

Type of interface

Other

Primary frequency - min

47 Hz

Battery rating

12 V / 7 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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