

# Eaton 5PX3000IRTN

Catalog Number: 5PX3000IRTN

Eaton 5PX UPS, 3000 VA, 2700 W, Input: C20, Outputs: (8) C13, (1) C19, Rack/tower, 2U, Network card included

## General specifications



**Product Name**  
Eaton 5PX UPS

**Catalog Number**  
5PX3000IRTN

**UPC**  
743172035950

**Product Length/Depth**  
441 mm

**Product Height**  
86.2 mm

**Product Width**  
647 mm

**Product Weight**  
38.08 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

## Product specifications

### 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  
Network card and rackmounting kit delivered as standard  
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  
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

### Color

## Resources

### Brochures

[Eaton UPS and battery services - EN](#)  
[Eaton UPS Services Quick Guide - EN](#)  
[Eaton 5PX UPS brochure](#)

### Drawings

[5PX mounting ears technical drawing](#)

### Manuals and user guides

[Eaton 5PX UPS - Installation and user manual](#)  
[Eaton 5PX UPS 230V models user manual](#)  
[Eaton 5PX UPS - Quick Start Guide](#)

### Technical data sheets

[Eaton 5PX UPS - Datasheet](#)

Black/silver

#### Enclosure

Black/silver

#### VA rating

3000 VA

#### Wattage

2700 W

#### Rack mounting kit

Yes

#### Package contents

Network Management Card

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

#### Auto shutdown function

Yes

#### Primary frequency - max

70 Hz

#### Primary frequency - min

47 Hz

#### Input connection

C20

#### Input cord length

1.8m

#### 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, (1) C19

#### Number of Outputs C13

8

#### Number of Outputs C19

1

#### 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 / 9 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)

Network card

#### Expansion slots

One slot, network card included

#### Ethernet interface

Yes

#### Includes network card

Yes

#### 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: 277

#### Noise level

<40 dB at 1 meter

#### Relative humidity

0-90% non-condensing

#### Temperature range

0-90% non-condensing

#### Protocol

SNMP

#### Integrated functionality

Network Management

#### 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

6

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