

Specifications



Photo is representative



Eaton 9PX1000IRTN

Eaton 9PX UPS Netpack, 1000 VA, 1000 W,
Input: C14, Outputs: (8) C13, Rack/tower, 2U,
Network card included

General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX1000IRTN
MODEL CODE	Eaton 9PX 1000i RT2U Netpack
UPC	743172081476
PRODUCT LENGTH/DEPTH	45 cm
PRODUCT HEIGHT	8.65 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	19.6 kg
COMPLIANCES	CISPR22 Class B CSA 22.2 CE Marked TUV cULus Listed FCC part 15 Class B
CERTIFICATIONS	EAC CE ENERGY STAR certified UL 1778 IEC/EN 62040-1 IEC/EN 62040-2
GLOBAL CATALOG	9PX1000IRTN
PRODUCT TYPE	UPS



Powering Business Worldwide

Battery

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

4

BATTERY RATING

12 V / 7 Ah

BATTERY TYPE

Sealed, lead-acid

EXTENDED BATTERY CAPABILITY

Yes

Electrical input

INPUT CONNECTION

[C14](#)

INPUT NOMINAL VOLTAGE

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

INPUT VOLTAGE RANGE

176-276 V (100-276 V with derating)

NOMINAL FREQUENCY

50/60 Hz

INPUT FREQUENCY RANGE

40-70 Hz

INPUT POWER FACTOR

>.99

Electrical output

RECEPTACLE

(8) C13

TOPOLOGY

Online/Double-conversion

WATTAGE

1000 W

VA RATING

1000 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

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 input, optocoupler, DB9)
- 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
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Environmental

ALTITUDE	3000 m
BTU RATING	Online: 290
NOISE LEVEL	<35 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
- Network card and rackmounting kit delivered as standard
- 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

RACK SIZE	2U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	91.5

PACKAGE CONTENTS

- UPS
- Network Management Card
- (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
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PHASE (OUTPUT)	1
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INTERNAL BYPASS	Yes
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HOT SWAP POWER	No
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AUTO SHUTDOWN FUNCTION	Yes
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Resources

APPLICATION NOTES	Eaton solutions for Cisco IDF/MDF closets
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BROCHURES	Eaton UPS Services Quick Guide - EN Eaton UPS and battery services - EN
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MANUALS AND USER GUIDES	Eaton 9PX Maintenance Bypass User Guide Eaton Bypass Power Module (BPM) user guide
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PEP ECO-PASSPORT	eaton-double-conversion-network-ups-pep-eato-00338-v0101-en.pdf
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SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 9PX1000IRTN
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PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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