

Specifications

Eaton 9PX1500IRT2U

Eaton 9PX UPS, 1500 VA, 1500 W, Input: C14,
Outputs: (8) C13, Rack/tower, 2U



Photo is representative



General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX1500IRT2U
UPC	743172081414
PRODUCT LENGTH/DEPTH	45 cm
PRODUCT HEIGHT	8.65 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	19.5 kg
COMPLIANCES	CISPR22 Class B CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B
CERTIFICATIONS	cULus Listed EAC CE ENERGY STAR certified IEC/EN 62040-1 IEC/EN 62040-2 UL 1778

Product 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
- 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
- Long backup time with up to 4 optional EBM

TOPOLOGY	Online/Double-conversion
-----------------	--------------------------

FORM FACTOR	Rack/tower
--------------------	------------

RACK SIZE	2U
------------------	----

CONSTRUCTION TYPE	482.6 mm (19 inch) device
--------------------------	---------------------------

COLOR	Black/silver
--------------	--------------

VA RATING	1500 VA
------------------	---------

WATTAGE	1500 W
----------------	--------

RACK MOUNTING KIT	Yes
--------------------------	-----

PACKAGE CONTENTS

- UPS
- (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

INTERNAL BYPASS	Yes
------------------------	-----

Resources

APPLICATION NOTES

[Eaton solutions for Cisco IDF/MDF closets](#)

BROCHURES

[Eaton UPS and battery services - EN](#)

[Eaton UPS Services Quick Guide - EN](#)

COMPLIANCE INFORMATION

[EU declaration of conformity Eaton 9PX UPS](#)

MANUALS AND USER GUIDES

[Eaton 9PX 1-3 kVA UPS - Quick Start Guide](#)

[Eaton Bypass Power Module \(BPM\) user guide](#)

TECHNICAL DATA SHEETS

[Eaton 9PX 1000-3000W UPS - Datasheet](#)

[Eaton 9PX 1-3 kVA UPS and 9PX EBM 48V and 72V - Installation and user manual](#)

HOT SWAP POWER	No
AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	40 Hz
INPUT CONNECTION	C14
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	40-70 Hz
INPUT POWER FACTOR	>.99
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	\$row.attributeValue.cdata

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 RATING

12 V / 9 Ah

BATTERY TYPE

Sealed, lead-acid

EXTENDED BATTERY CAPABILITY

Yes

RUNTIME AT HALF LOAD

14 min

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)

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: 386
NOISE LEVEL	<35 dB at 1 meter
RELATIVE HUMIDITY	0-96% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
INPUT VOLTAGE - MAX	276 V
INPUT VOLTAGE - MIN	100 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 AT MAX. LOAD	92.5
EFFICIENCY (ECO-MODE)	97.5
INPUT VOLTAGE RANGE	176-276 V (100-276 V with derating)
MAX NUMBER OF BATTERY PACKS	4
OUTPUT FREQUENCY	50/60 Hz
OUTPUT POWER FACTOR	1
OUTPUT VOLTAGE RANGE	200/208/220/230/240 V +/- 1%
PHASE (INPUT)	1
PHASE (OUTPUT)	1
RUNTIME AT FULL LOAD	5 min
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	3
POWER CONSUMPTION	113 W

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

Follow us on social media to get the latest product and support information.

