Specifications



Eaton 9PX1500IRT2U-L

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

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX1500IRT2U-L
MODEL CODE	Eaton 9PX 1500i RT2U Li-Ion
UPC	743172105479
PRODUCT LENGTH/DEPTH	450 mm
PRODUCT HEIGHT	86.5 mm
PRODUCT WIDTH	440 mm
PRODUCT WEIGHT	15.8 kg
WARRANTY	5 year
COMPLIANCES	CE Marked

Powering Business Worldwide

Product specifications

SPECIAL FEATURES	• Lithium-ion batteries • 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) • Long backup time with up to 4 optional EBM

TOPOLOGY	Online/Double-conversion
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
HOT SWAP POWER	No
AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	40 Hz

Resources

BROCHURES	Eaton UPS Services Quick Guide - EN Eaton UPS and battery services - EN
MANUALS AND USER GUIDES	Eaton 9PX Lithium-Ion Advanced Users Guide Eaton 9PX Lithium-Ion UPS Quick Start Guide
TECHNICAL DATA SHEETS	Eaton 9PX Lithium-ion UPS 1500VA-3000VA - Datasheet

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 OUTPUT CONNECTIONS FRENCH STANDARD (TYPE E)	0
NUMBER OF OUTPUTS C13	8
NUMBER OF OUTPUTS C19	0
NUMBER OF OUTPUTS HARDWIRED	0
NUM OF OUTPUTS PC (SCHUKO)	0
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	• Lithium-ion batteries with battery management system • Automatic recognition of external battery units
BATTERY REPLACEMENT	Hot-swappable internal batteries and extended battery modules (EBMs)
BATTERY TYPE	Lithium-ion
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT HALF LOAD	21.5 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
EFFICIENCY	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	10 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.

© 2025 Eaton. All Rights Reserved.