Specifications



Photo is representative



Eaton 9PX1000IRT2U

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

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX1000IRT2U
UPC	743172081407
PRODUCT LENGTH/DEPTH	45 cm
PRODUCT HEIGHT	8.65 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	19.5 kg
WARRANTY	3 year on electronics, 2 year on battery
COMPLIANCES	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
CERTIFICATIONS	IEC/EN 62040-1 UL 1778 IEC/EN 62040-2 CE cULus Listed EAC ENERGY STAR certified

Powering Business Worldwide

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	1000 VA
WATTAGE	1000 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

Resources

APPLICATION NOTES	9PX5KP1 and 9PX6KP1 interconnect diagram Application guide: Small data center power protection solutions Eaton network closet solutions brochure Eaton solutions for Cisco IDF/MDF closets
BROCHURES	Eaton 9PX 700-3000 VA UPS brochure 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 and 9PX EBM 48V and 72V - Installation and user manual 9PX 2-post rack kit user guide 9PX UPS split-phase (8-10 kVA) user guide 9PX UPS (5-6 kVA) user guide 9PX PPDM and transformers user guide Eaton Bypass Power Module (BPM) user guide 9PX 700-3000 VA 2U UPS user guide 9PX UPS split-phase (6 kVA) guide 9PX supercharger 240 Vdc user guide 9PX 3 kVA 3U UPS user guide 9PX battery integration system user guide Eaton 9PX 1-3 kVA UPS - Quick Start Guide 9PX UPS (8-11 kVA) user guide
SPECIFICATIONS AND DATASHEETS	9PX 700-3000 VA UPS technical specification 9PX technical specifications: 5 and 6 kVA 9PX UPS altitude de-ratings

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	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	Hot-swappable internal batteries and extended battery modules (EBMs)
BATTERY RATING	12 V / 7 Ah
BATTERY TYPE	Sealed, lead-acid
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT HALF LOAD	16.5 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

	9PX technical specifications: 8 and 11 kVA Eaton 9PX UPS guide specification: 700-3000 VA 9PX Split-phase technical specifications 9PX 3 kVA 3U UPS technical specification
TECHNICAL DATA SHEETS	Eaton 9PX 1000-3000W UPS - Datasheet

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: 290
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	91.5
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	6 min
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	3
POWER CONSUMPTION	85 W

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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