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

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
RUNTIME AT FULL LOAD	6 min
RUNTIME AT HALF LOAD	16.5 min

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

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

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

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
PHASE (OUTPUT)	1
INTERNAL BYPASS	Yes
HOT SWAP POWER	No

AUTO SHUTDOWN FUNCTION	Yes

Resources

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

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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