Specifications



Photo is representative

Eaton 9PX2200IRTBPH

Eaton 9PX UPS HotSwap HW, 2200 VA, 2200 W, Input: Hardwired, Outputs: Hardwired, Rack/tower, 3U

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX2200IRTBPH
MODEL CODE	Eaton 9PX 2200i RT3U HotSwap HW
UPC	743172081483
PRODUCT LENGTH/DEPTH	48.5 cm
PRODUCT HEIGHT	13 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	28 kg
COMPLIANCES	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
CERTIFICATIONS	EAC CE ENERGY STAR certified IEC/EN 62040-1 UL 1778 IEC/EN 62040-2
GLOBAL CATALOG	9PX2200IRTBPH
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	6
BATTERY RATING	12 V / 7 Ah
BATTERY TYPE	Sealed, lead-acid
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT FULL LOAD	3 min
RUNTIME AT HALF LOAD	10 min

Electrical input

INPUT CONNECTION	Hardwired/fixed connection
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	Hardwired
TOPOLOGY	Online/Double-conversion
WATTAGE	2200 W
VA RATING	2200 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)
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

Environmental

ALTITUDE	3000 m
BTU RATING	Online: 488
NOISE LEVEL	<40 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 • 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
RACK SIZE	3U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	93
PACKAGE CONTENTS	• UPS • Input cable • Maintenance Bypass • (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	Yes

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
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 9PX2200IRTBPH

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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