Specifications



Photo is representative

Eaton 9PX8KIPM31

Eaton 9PX 3:1 Power Module, 8 kVA, 7.2 kW, Input: Hardwired, Outputs: Hardwired, Rack/tower, 3U

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX8KIPM31
UPC	743172040121
PRODUCT LENGTH/DEPTH	70 cm
PRODUCT HEIGHT	44 cm
PRODUCT WIDTH	13 cm
PRODUCT WEIGHT	23 kg
COMPLIANCES	CE Marked TUV
CERTIFICATIONS	IEC/EN 62040-2 IEC/EN 62040-1 CE EAC

Powering Business Worldwide

Product specifications

SPECIAL FEATURES	• Double conversion topology • Constantly monitors power conditions and regulates voltage and frequency • Provides more real power (watts) to protect more equipment with a 0.9 power factor • Energy efficient, reduce energy and cooling costs • Internal bypass allows service continuity in case of UPS fault • Next-generation graphical LCD display • Meter energy consumption (at the UPS level)
TOPOLOGY	Online/Double-conversion
FORM FACTOR	Rack/tower
RACK SIZE	3U
CONSTRUCTION TYPE	Free standing model
COLOR	Black/silver
VA RATING	8 kVA
WATTAGE	7.2 kW
RACK MOUNTING KIT	No
PACKAGE CONTENTS	• Power Module • USB cable • Serial cable • (2) Supports for tower mounting • 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
INPUT CONNECTION	Hardwired/fixed connection
INPUT NOMINAL VOLTAGE	400V default (380/400/415V)
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	40-70 Hz
INPUT POWER FACTOR	>.99
RECEPTACLE	Hardwired
NUMBER OF OUTPUTS HARDWIRED	1

Resources

BROCHURES	Eaton 9PX UPS 5–22kVA - 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 UPS - 6000 3:1/8000 3:1/11000 3:1/EBM 240V - Installation and user manuel
TECHNICAL DATA SHEETS	Eaton 9PX UPS - 5/6/8/11 kVA - Datasheet

OUTPUT WAVEFORM	Sine wave
VOLTAGE	400V
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240/250V)
FEED TYPE	2
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	No battery
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT HALF LOAD	0 min
COMMUNICATION	• USB port (HID compliant) • Serial port (RS232) • Mini terminal block for remote On/Off • Mini-terminal block for remote power off • Dry contacts (4 outputs, relay, 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: 1472
NOISE LEVEL	<48 dB at 1 meter
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
INPUT VOLTAGE - MAX	408 V
INPUT VOLTAGE - MIN	305 V
OUTPUT VOLTAGE - MAX	250 V

OUTPUT VOLTAGE - MIN	200 V
SECONDARY FREQUENCY - MAX	60 Hz
SECONDARY FREQUENCY - MIN	50 Hz
BATTERY QUANTITY	0
EFFICIENCY	95
EFFICIENCY (ECO-MODE)	98
INPUT VOLTAGE RANGE	305-480 V
MAX NUMBER OF BATTERY PACKS	12 (supercharger required for more than 6 EBM)
OUTPUT FREQUENCY	50/60 Hz
OUTPUT POWER FACTOR	0.9
OUTPUT VOLTAGE RANGE	200/208/220/230/240/250 V +/- 1%
PHASE (INPUT)	3
PHASE (OUTPUT)	1
RUNTIME AT FULL LOAD	0 min
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	2
POWER CONSUMPTION	432 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.