



Eaton 9PXM16KIRTN

Eaton 9PX UPS 16Ki 8Ki Redundant Netpack,
16 kVA, 14.4 kW, Input: Hardwired, Outputs:
(4) C19, Hardwired, Rack/tower, 15U,
Network card included

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PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PXM16KIRTN
PRODUCT LENGTH/DEPTH	70 cm
PRODUCT HEIGHT	65 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	183 kg
COMPLIANCES	CE Marked TUV
CERTIFICATIONS	IEC/EN 62040-1 IEC/EN 62040-2 CE EAC



Powering Business Worldwide

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 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 (at the UPS level)
- Hot swappable batteries
- Advanced Battery Management (ABM) technology to increase battery lifetime

TOPOLOGY	Online/Double-conversion
RACK SIZE	15U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
COLOR	Black/silver
VA RATING	16 kVA
WATTAGE	14.4 kW
RACK MOUNTING KIT	Yes

PACKAGE CONTENTS

- (2) UPS
- ModularEasy
- 2 Connection cables from the UPS to the

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- ModularEasy
 - DB15 Cable
 - (2) Network Management Card
 - Link plates
 - (2) Supports for tower mounting
 - (5) Rack-mounting kit
 - User manual

INTERNAL BYPASS	Yes
HOT SWAP POWER	Yes
AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	40 Hz
INPUT CONNECTION	Hardwired/fixed connection
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240/250V)
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	40-70 Hz
INPUT POWER FACTOR	>.99
RECEPTACLE	(4) C19, Hardwired
NUMBER OF OUTPUTS C19	4
NUMBER OF OUTPUTS HARDWIRED	1
OUTPUT WAVEFORM	Sine wave
VOLTAGE	230V
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240/250V)
FEED TYPE	1
VOLTAGE TYPE	AC
RUNTIME GRAPH	View runtime graph

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| BATTERY MANAGEMENT | <ul style="list-style-type: none"> • ABM & Temperature compensated charging method (user selectable) • Automatic battery test • Deep discharge protection • Automatic recognition of external battery units |
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BATTERY REPLACEMENT	Hot-swappable battery modules
BATTERY RATING	12 V / 9 Ah
BATTERY TYPE	Sealed, lead-acid
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT HALF LOAD	16 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)
- Network cards

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
ALTITUDE	3000 m
BTU RATING	Online: 2944
NOISE LEVEL	<50 dB at 1 meter
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
PROTOCOL	SNMP
INTEGRATED FUNCTIONALITY	Network Mangement
INPUT VOLTAGE - MAX	276 V
INPUT VOLTAGE - MIN	100 V
OUTPUT VOLTAGE - MAX	250 V
OUTPUT VOLTAGE - MIN	200 V
SECONDARY FREQUENCY - MAX	60 Hz
SECONDARY	50 Hz

FREQUENCY - MIN	
BATTERY QUANTITY	2 x 20
EFFICIENCY AT MAX. LOAD	95
EFFICIENCY (ECO-MODE)	98
INPUT VOLTAGE RANGE	176-276 V (100-276 V with derating)
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)	1
PHASE (OUTPUT)	1
RUNTIME AT FULL LOAD	3 min
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	2
POWER CONSUMPTION	864 W
