

Specifications



Eaton 9PX3000IRTBDP

Eaton 9PX UPS HotSwap DIN, 3000 VA, 3000 W, Input: C20, Outputs: (4) Schuko, (1) C19, Rack/tower, 3U

General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX3000IRTBDP
MODEL CODE	Eaton 9PX 3000i RT3U HotSwap DIN
UPC	743172081513
PRODUCT LENGTH/DEPTH	48.5 cm
PRODUCT HEIGHT	13 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	30 kg
COMPLIANCES	CISPR22 Class B FCC part 15 Class B CE Marked cULus Listed TUV CSA 22.2
CERTIFICATIONS	IEC/EN 62040-2 UL 1778 EAC ENERGY STAR certified CE IEC/EN 62040-1
GLOBAL CATALOG	9PX3000IRTBDP
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 / 9 Ah

BATTERY TYPE

Sealed, lead-acid

EXTENDED BATTERY CAPABILITY

Yes

Electrical input

INPUT CONNECTION

C20

INPUT CORD LENGTH

1.8m

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

(4) Schuko, (1) C19

TOPOLOGY

Online/Double-conversion

WATTAGE

3000 W

VA RATING

3000 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

Yes

Environmental

ALTITUDE	3000 m
BTU RATING	Online: 614
NOISE LEVEL	<40 dB at 1 meter
RELATIVE HUMIDITY	0-96% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

CONTACT

Additional specifications

- 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

SPECIAL FEATURES

RACK SIZE	3U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	94
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 Services Quick Guide - EN 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 - 9PX3000IRTBPD

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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