Specifications



Photo is representative





Eaton 5PX3000IRT3UG2

Eaton 5PX Gen2 UPS, 3000 VA, 3000 W, Input: C20, Output: (8) C13, (2) C19, Rack/tower, 3U

General specifications	
PRODUCT NAME	Eaton 5PX Gen2 UPS
CATALOG NUMBER	5PX3000IRT3UG2
MODEL CODE	Eaton 5PX 3000i RT3U G2
UPC	743172104892
PRODUCT LENGTH/DEPTH	483 mm
PRODUCT HEIGHT	129 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	31.1 kg
COMPLIANCES	IEC/EN 62040-1 IEC/EN 62040-2 IEC/EN 62040-3 RoHS Compliant REACH UL 1778 CSA 22.2
CERTIFICATIONS	CE cTUVus EAC Cm UKCA Ukr KCC ENERGY STAR certified

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Additional information

AUTO SHUTDOWN FUNCTION	Yes
COLOR	Black/silver
CONSTRUCTION TYPE	482.6 mm (19 inch) device
EFFICIENCY AT MAX. LOAD	98
PACKAGE CONTENTS	• Input cable • Rack-mounting kit • (2) Supports for tower mounting • Cable locking system • USB cable • Serial cable • (2) IEC-IEC cables • Quickstart guide • Safety instructions
PHASE (INPUT)	1
PHASE (OUTPUT)	1
RACK MOUNTING KIT	Yes

Battery specifications

BATTERY MANAGEMENT	ABM & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection, automatic recognition of external battery units
BATTERY QUANTITY	6
BATTERY RATING	12 V / 9 Ah
BATTERY REPLACEMENT	User replaceable
BATTERY TYPE	Lead-acid maintenance-free (replaceable)
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME GRAPH	$row.attributeValue.cdata

Communication

COMMUNICATION	• USB port (HID compliant) • Serial port (RS232) • Mini-terminal block for remote On/Off and 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
INCLUDES NETWORK CARD	No
POTENTIAL FREE SWITCH CONTACT	Yes
SOFTWARE COMPATIBILITY	Eaton Intelligent Power Manager, Eaton Intelligent Power Protector
TYPE OF INTERFACE	Other
USER INTERFACE	Multilingual graphical LCD display

Electrical input

INPUT CONNECTION	C20
INPUT CORD LENGTH	1.8m
INPUT FREQUENCY RANGE	47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
INPUT VOLTAGE RANGE	160-294 V (adjustable to 150 V-294 V)
NOMINAL FREQUENCY	50-60 Hz

Electrical output

FEED TYPE	1
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
OUTPUT POWER FACTOR	1
OUTPUT VOLTAGE RANGE	230 V (+6%/-10%)
OUTPUT WAVEFORM	Sine wave
RECEPTACLE	(8) C13, (2) C19
TOPOLOGY	Line-interactive
VA RATING	3000 VA
VOLTAGE	230V
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	0
WATTAGE	3000 W

Environmental

ALTITUDE	3000 m
NOISE LEVEL	<40 dB at 1 meter
RELATIVE HUMIDITY	0-90% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F), batteries recommended max. 25°C (77°F)

Resources

BROCHURES	Eaton UPS and battery services - EN
COMPLIANCE INFORMATION	Eaton 5PX Gen2 - EU Declaration of Conformity
MANUALS AND USER GUIDES	Eaton 5PX Gen2 - Quickstart guide Eaton 5PX Gen2 - Advanced User Guide_EN
PEP ECO-PASSPORT	eaton-industry-standard-network-ups-pep-eato-00395-v0101-en.pdf

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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