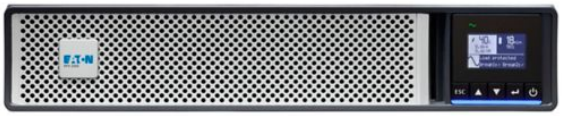
Specifications







Eaton 5PX3000IRT2UG2

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

General specifications	
PRODUCT NAME	Eaton 5PX Gen2 UPS
CATALOG NUMBER	5PX3000IRT2UG2
UPC	743172104809
MODEL CODE	Eaton 5PX 3000i RT2U G2
PRODUCT LENGTH/DEPTH	603 mm
PRODUCT HEIGHT	85.5 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	31.7 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

Product specifications

SPECIAL FEATURES	• Automatic Voltage Regulation (AVR) • Energy efficient, reduce energy and cooling costs • Delivers clean sinewave output • Provides more real power (watts) to protect more equipment with a Unity power factor (VA=W) • LCD display for real-time status and measurements • Long backup time with up to 4 optional EBM • Meter energy consumption (down to the managed outlet groups) • Versatile product for rack or tower installation • 1 slot for optional com card (Network management card, Relay card or Network and Industrial card) • Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat) • 1 USB port + 1 serial port

TOPOLOGY	Line-interactive
RACK SIZE	2U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
COLOR	Black/silver
VA RATING	3000 VA
WATTAGE	3000 W
RACK MOUNTING KIT	Yes

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

AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	47 Hz

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
PEP ECO-PASSPORT	Eaton PEP Eco passport - Eaton 5PX G2 EBM 72V RT3U Eaton 5PX 3000i RT2U eaton-industry-standard-network-ups-pep-eato-00395-v0101-en.pdf

INPUT CONNECTION	C20
INPUT CORD LENGTH	1.8m
NOMINAL FREQUENCY	50-60 Hz
INPUT FREQUENCY RANGE	47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode
RECEPTACLE	(8) C13, (2) C19
NUMBER OF OUTPUT CONNECTIONS FRENCH STANDARD (TYPE E)	0
NUMBER OF OUTPUTS C13	8
NUMBER OF OUTPUTS C19	2
NUMBER OF OUTPUTS HARDWIRED	0
NUM OF OUTPUTS PC (SCHUKO)	0
OUTPUT WAVEFORM	Sine wave
VOLTAGE	230V
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
FEED TYPE	1
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	User replaceable
BATTERY RATING	12 V / 9 Ah
BATTERY TYPE	Lead-acid maintenance-free (replaceable)
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT HALF LOAD	9 min
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
SOFTWARE	Eaton Intelligent Power

COMPATIBILITY	Manager, Eaton Intelligent Power Protector
USER INTERFACE	Multilingual graphical LCD display
TYPE OF INTERFACE	Other
POTENTIAL FREE SWITCH CONTACT	Yes
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)
INPUT VOLTAGE - MAX	294 V
INPUT VOLTAGE - MIN	150 V
OUTPUT VOLTAGE - MAX	240 V
OUTPUT VOLTAGE - MIN	200 V
SECONDARY FREQUENCY - MAX	60 Hz
SECONDARY FREQUENCY - MIN	50 Hz
BATTERY QUANTITY	6
EFFICIENCY AT MAX. LOAD	98
EFFICIENCY (ECO-MODE)	0
INPUT VOLTAGE RANGE	160-294 V (adjustable to 150 V-294 V)
MAX NUMBER OF BATTERY PACKS	4
OUTPUT FREQUENCY	50/60 Hz
OUTPUT POWER FACTOR	1
OUTPUT VOLTAGE RANGE	230 V (+6%/-10%)
PHASE (INPUT)	1
PHASE (OUTPUT)	1
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	0
POWER CONSUMPTION	61 W
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.