Specifications

Eaton 5P650IRNG2

Eaton 5P Gen2 UPS, 650 VA, 520 W, Input: C14, Outputs: (4) C13, Rack, 1U, Network card

General specifications

PRODUCT NAME	Eaton 5P Gen2 UPS
CATALOG NUMBER	5P650IRNG2
EAN	3553340710384
PRODUCT LENGTH/DEPTH	361 mm
PRODUCT HEIGHT	43.2 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	8.68 kg
WARRANTY	3 year on electronics, 2 year on battery
COMPLIANCES	LVD Directive (CB) EMC Directive RoHS Directive WEEE Directive Packaging Directive Batteries Directive
CERTIFICATIONS	IEC/EN 62040-1 IEC/EN 62040-2 IEC/EN 62040-3 UL 1778 CSA-C22.2 CE UKCA Cm Ukr KCC cTUVus BIS

Product specifications

SPECIAL FEATURES	• Automatic Voltage Regulation (AVR) • High-density protection for networks: 1U only • Energy efficient, reduce energy and cooling costs • Delivers clean sinewave output • 1 slot for optional com card (Network management card, Relay card or Network

Resources

BROCHURES	Eaton 5P Gen2 UPS datasheet
DECLARATIONS OF CONFORMITY	EU Declaration of conformity Eaton 5P Gen2 UPS
MANUALS AND USER GUIDES	Eaton 5P Gen2 Quick Start Guide Eaton 5P Gen2 Rack - Advanced user guide

and Industrial card)
- Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)
- Fully integrates with Eaton Brightlayer Software suite
- 1 USB port + 1 serial port
- Advanced Battery Management (ABM+) technology to increase battery lifetime and improve life time prediction accuracy
- Next-generation graphical LCD display
- Hot swappable batteries
- Remote reboot and runtime optimization thanks to 2 manageable outlet groups
- Network card included

TOPOLOGY	Line-interactive
FORM FACTOR	Rack
RACK SIZE	1U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
COLOR	Black/silver
ENCLOSURE	Black/silver
VA RATING	650 VA
WATTAGE	520
RACK MOUNTING KIT	Yes

PACKAGE CONTENTS	- Rack-mounting kit - Cable locking system - USB cable (2) IEC-IEC cables - Quickstart guide - Safety instructions - Network card

AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	47 Hz
INPUT CONNECTION	C14
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
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	(4) C13
NUMBER OF OUTPUTS C13	4

OUTPUT WAVEFORM	Sine wave
VOLTAGE	230V
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
FEED TYPE	1
VOLTAGE TYPE	AC
RUNTIME GRAPH	$row.attributeValue.cdata
BATTERY MANAGEMENT	ABM or constant voltage charging method (user selectable), automatic battery test, deep discharge protection
BATTERY REPLACEMENT	User replaceable
BATTERY RATING	6 V / 9 Ah
BATTERY TYPE	Lead-acid maintenance-free (replaceable)
EXTENDED BATTERY CAPABILITY	No
RUNTIME AT HALF LOAD	7 min
COMMUNICATION	- USB port (HID compliant) - Serial port (RS232) - Mini-terminal block for remote On/Off and Remote Power Off - Dry contacts (2 outputs, optocoupler, RJ)
EXPANSION SLOTS	One slot for optional communication card
ETHERNET INTERFACE	Yes
INCLUDES NETWORK CARD	Yes
SOFTWARE COMPATIBILITY	Eaton Brightlayer Software suite
USER INTERFACE	Multilingual graphical LCD display
TYPE OF INTERFACE	Other
POTENTIAL FREE SWITCH CONTACT	Yes
ALTITUDE	3000 m
BTU RATING	Online: 53, Battery: 461 BTU/hr
NOISE LEVEL	<35 dB at 1 meter
RELATIVE HUMIDITY	0-90% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
INTEGRATED FUNCTIONALITY	Network Mangement
INPUT VOLTAGE - MAX	294 V
INPUT VOLTAGE - MIN	150 V
OUTPUT VOLTAGE - MAX	240 V
OUTPUT VOLTAGE - MIN	200 V
SECONDARY	60 Hz

FREQUENCY - MAX	
SECONDARY FREQUENCY - MIN	50 Hz
BATTERY QUANTITY	2
EFFICIENCY	97
INPUT VOLTAGE RANGE	160-294 V (adjustable to 150 V-294 V)
OUTPUT FREQUENCY	50/60 Hz
OUTPUT POWER FACTOR	0,8
OUTPUT VOLTAGE RANGE	230 V (+6%/-10%)
PHASE (INPUT)	1
PHASE (OUTPUT)	1
RUNTIME AT FULL LOAD	1
COMMUNICATION INTERFACE	RS232 USB
POWER CONSUMPTION	16 W
USB INTERFACE	Yes
WITH COMMUNICATION INTERFACE RS-232	Yes

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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