Specifications

Eaton 5P850IRG2

Eaton 5P Gen2 UPS, 850 VA, 680 W, Input: C14, Outputs: (4) C13, Rack, 1U

General specifications	
PRODUCT NAME	Eaton 5P Gen2 UPS
CATALOG NUMBER	5P850IRG2
EAN	3553340710308
PRODUCT LENGTH/DEPTH	509 mm
PRODUCT HEIGHT	43.2 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	13.7 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

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Battery

BATTERY TYPE	Lead-acid maintenance-free (replaceable)
RUNTIME GRAPH	$row.attributeValue.cdata
BATTERY REPLACEMENT	User replaceable
BATTERY QUANTITY	4
BATTERY MANAGEMENT	ABM or constant voltage charging method (user selectable), automatic battery test, deep discharge protection
BATTERY RATING	6 V / 7 Ah
EXTENDED BATTERY CAPABILITY	No

Electrical input

INPUT CONNECTION	C14
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
NOMINAL FREQUENCY	50-60 Hz
INPUT VOLTAGE RANGE	160-294 V (adjustable to 150 V-294 V)
INPUT FREQUENCY RANGE	47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode

Electrical output

RECEPTACLE	(4) C13
VOLTAGE	230V
WATTAGE	680 W
OUTPUT POWER FACTOR	0,8
OUTPUT VOLTAGE RANGE	230 V (+6%/-10%)
OUTPUT WAVEFORM	Sine wave
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
FEED TYPE	1
TOPOLOGY	Line-interactive
VA RATING	850 VA

Communications

INCLUDES NETWORK CARD	No
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)
ETHERNET INTERFACE	No
USER INTERFACE	Multilingual graphical LCD display
POTENTIAL FREE SWITCH CONTACT	Yes
EXPANSION SLOTS	One slot for optional communication card
SOFTWARE COMPATIBILITY	Eaton Brightlayer Software suite
TYPE OF INTERFACE	Other

Environmental

ALTITUDE	3000 m
NOISE LEVEL	<35 dB at 1 meter
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
RELATIVE HUMIDITY	0-90% non-condensing

Additional specifications

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

Resources

APPLICATION NOTES	Runtime graph - 5P850IRG2
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

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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