

Specifications

Eaton 5P1550IRG2

Eaton 5P Gen2 UPS, 1550 VA, 1350 W,
Input: C14, Outputs: (6) C13, Rack, 1U



General specifications

PRODUCT NAME	Eaton 5P Gen2 UPS
CATALOG NUMBER	5P1550IRG2
EAN	3553340710322
PRODUCT LENGTH/DEPTH	555 mm
PRODUCT HEIGHT	43.2 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	18.7 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

Battery

RUNTIME GRAPH	\$row.attributeValue.cdata
BATTERY TYPE	Lead-acid maintenance-free (replaceable)
BATTERY REPLACEMENT	User replaceable
BATTERY QUANTITY	6
BATTERY MANAGEMENT	ABM or constant voltage charging method (user selectable), automatic battery test, deep discharge protection
BATTERY RATING	6 V / 9 Ah
EXTENDED BATTERY CAPABILITY	No

Electrical output

VOLTAGE	230V
RECEPTACLE	(6) C13
WATTAGE	1350 W
OUTPUT VOLTAGE RANGE	230 V (+6%/-10%)
OUTPUT FREQUENCY	50/60 Hz
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
TOPOLOGY	Line-interactive

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

Environmental	
ALTITUDE	3000 m
NOISE LEVEL	<35 dB at 1 meter
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
BTU RATING	Online: 92, Battery: 654 BTU/hr
RELATIVE HUMIDITY	0-90% non-condensing

Resources	
APPLICATION NOTES	Runtime graph - 5P1550IRG2
BROCHURES	Eaton 5P Gen2 UPS datasheet
DECLARATIONS OF CONFORMITY	EU Declaration of conformity Eaton 5P Gen2 UPS
MANUALS AND USER GUIDES	Eaton 5P Gen2 Rack - Advanced user guide

Communications	
COMMUNICATION	<ul style="list-style-type: none"> • 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
POTENTIAL FREE SWITCH CONTACT	Yes
EXPANSION SLOTS	One slot for optional communication card
SOFTWARE COMPATIBILITY	Eaton Brightlayer Software suite
TYPE OF INTERFACE	Other

Additional specifications	
FORM FACTOR	Rack
CONSTRUCTION TYPE	482.6 mm (19 inch) device
ENCLOSURE	Black/silver
PACKAGE CONTENTS	<ul style="list-style-type: none"> • Rack-mounting kit • Cable locking system • USB cable • (2) IEC-IEC cables • Quickstart guide • Safety instructions •
PHASE (OUTPUT)	1
AUTO SHUTDOWN FUNCTION	Yes
RACK SIZE	1U
COLOR	Black/silver
RACK MOUNTING KIT	Yes
EFFICIENCY	98,2
PHASE (INPUT)	1

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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