Specifications







Eaton 5P550RG2-L

Eaton 5P G2 550VA 495W 120V Line-Interactive UPS - 6 NEMA 5-15R Outlets, Lithium-Ion Battery, Cybersecure Network Card Option, 1U Rack/Wall

General specifications	
PRODUCT NAME	Eaton 5P G2 UPS
CATALOG NUMBER	5P550RG2-L
UPC	786689949204
PRODUCT LENGTH/DEPTH	361 mm
PRODUCT HEIGHT	43.2 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	8.4 kg
COMPLIANCES	ENERGY STAR certified FCC part 15 Class B REACH RoHS WEEE
CERTIFICATIONS	CAN/CSA C22.2 EN 62040-1-1 NOM UL 1778 cTUVus
GLOBAL CATALOG	5P550RG2-L
PRODUCT TYPE	UPS

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Product specifications

TOPOLOGY	Line-interactive
RACK SIZE	1U
VA RATING	550 VA
PACKAGE CONTENTS	• 550VA 495W 120V 5P G2 Lithium-Ion Line-Interactive UPS • USB cable • Rack-mounting hardware • User documentation
INPUT CORD LENGTH	1.8m
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	50/60 Hz
NUMBER OF OUTPUTS 5-15R	6
ELECTRIC CURRENT - MAX	15A
BATTERY MANAGEMENT	ABM+ (Extends battery service life by 50% and uses real world battery usage to better predict when battery needs to be replaced)
BATTERY REPLACEMENT	EBP-0805-L
BATTERY TYPE	Lithium-ion
RUNTIME AT HALF LOAD	15.2 min
NOISE LEVEL	40 dBA at 1 meter front side
RELATIVE HUMIDITY	0-95% non-condensing
FRONT PANEL LCD DISPLAY	LCD graphical display
INPUT PLUG TYPE	NEMA 5-15P
OUTPUT RECEPTACLES	5-15R
PRODUCT FEATURES	Individually Controllable Load Banks Lithium Batteries Emergency Power Off (EPO)/Remote On-Off (ROO)
NOMINAL OUTPUT VOLTAGE	100V 110V 120V 125V
NETWORK MANAGEMENT CARDS	NETWORK-M3

Resources

3D CAD DRAWING PACKAGE	Eaton 5P G2 UPS Visio Stencils
APPLICATION NOTES	5P550RG2-L runtime graph
BROCHURES	Eaton 5P G2 UPS line-interactive lithium-ion Product Brochure Eaton 5P G2 Lithium-ion UPS advanced user guide
DRAWINGS	Eaton 5P G2 Lithium-ion UPS Drawing (5P550RG2-L)
MANUALS AND USER GUIDES	Eaton 5P G2 Lithium-ion UPS quick start guide Eaton 5P G2 lithium-ion extended battery module quick start guide

NETWORK MANAGEMENT CARDS DETAILS	Network-M3 card sold separately
OUTPUT POWER FACTOR	0.9
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	7.7 min. (495W)
COMMUNICATION INTERFACE	RS-232 USB (HID enabled)
BATTERY ACCESS	Battery Door
DC VOLTAGE	12.8
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
TYPICAL BATTERY LIFE	Up to 10 Years
LOAD MANAGEMENT RECEPTACLES	Group 1: (2)NEMA 5-15R Receptacles Group 2: (1)NEMA 5-15R Receptacle
HIGH VOLTAGE TRANSFER TO BATTERY POWER	162Vac
LOW VOLTAGE TRANSFER TO BATTERY POWER	89Vac
APPLICATION	• Retail/Point of Sale • Hospitality • Large Network • Audio/Video • Home Network
SWITCH CONFIGURATION	5 Buttons: Esc, Up, Down, Enter, On/Off; RPO / ROO
HOUSING MATERIAL	Steel
OUTPUT AC WAVEFORM (AC MODE)	Sinewave
OUTPUT AC WAVEFORM (BATTERY MODE)	Pure sine wave
OUTPUT CAPACITY (KVA)	0.55
OUTPUT CAPACITY (WATTS)	495
OPERATING ELEVATION	0 - 9842.5 FT (0 - 3000 Meters)
PRIMARY UPS DEPTH (MM)	361
PRIMARY UPS HEIGHT (MM)	43
PRIMARY UPS WIDTH (MM)	438
AUDIBLE ALARMS	Audible alarm indicates utility failure, low-battery, overload, other UPS/Battery fault or remote shutdown

BATTERY START CAPABILITY	Cold Start Supported
COOLING METHOD	Internal Fan
LED INDICATORS	3 status-indicating LEDs (normal, battery mode, alarm); LED light Bar (Blue = Nominal, Yellow = Warning, Red = Alarm)
MINIMUM REQUIRED RACK DEPTH WITHOUT EXTERNAL BATTERY PACK	16.25
RECHARGEABLE BATTERY	2 Hours (0-100%)
STORAGE TEMPERATURE	-13° to 131°F (-25° to 55°C)
FORM FACTORS SUPPORTED	Rackmount
INPUT NOMINAL VOLTAGE DESCRIPTION	Normal: 89-162Vac; Extended: 70-162Vac
NOMINAL VOLTAGE DETAILS	100V, 110V, 120V, 125V
VOLTAGE REGULATION DESCRIPTION	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 89 to 162Vac at default input voltage of 120V
PLUG TYPE	NEMA 5-15P
MAXIMUM INPUT AMPS	15
MINIMUM REQUIRED RACK DEPTH (CM)	41.28
MINIMUM REQUIRED RACK DEPTH (INCHES)	16.25
UPS INPUT CORD LENGTH (M)	1.8
UPS POWER MODULE DIMENSIONS	1.700 x 17.240 x 14.210
POWER MODE TRANSFER TIME	10ms Typical
OUTPUT CAPACITY (VA)	550
UPS INPUT CONNECTION TYPE	5-15P
GREEN ENERGY-SAVING FEATURES	Greater than 95% efficiency - GREEN UPS Individually controllable load banks
INPUT NOMINAL VOLTAGE	100 VAC 110 VAC 120 VAC
HIGH AVAILABILITY UPS FEATURES	Automatic voltage regulation (AVR) Hot swappable batteries

	Pure sine wave output
NOMINAL INPUT VOLTAGE SUPPORTED	100 VAC 110 VAC 120 VAC

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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