Specifications







Eaton 5P3000RTG2

Eaton 5P G2 3000VA 3000W 120V Line-Interactive UPS - 1x L5-30R and 6x 5-15/20R Outlets, Cybersecure Network Card Option, 2U Rack/Tower

General specifications	
PRODUCT NAME	Eaton 5P G2 UPS
CATALOG NUMBER	5P3000RTG2
UPC	786687110941
PRODUCT LENGTH/DEPTH	603 mm
PRODUCT HEIGHT	85.5 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	33.8 kg
COMPLIANCES	ENERGY STAR certified FCC part 15 class A RoHS
CERTIFICATIONS	CAN/CSA C22.2 ICES IEC/EN 62040-1 UL 1778
GLOBAL CATALOG	5P3000RTG2
PRODUCT TYPE	UPS

Powering Business Worldwide

Product specifications

TOPOLOGY	Line-interactive
RACK SIZE	2U
VA RATING	3000 VA
PACKAGE CONTENTS	• 3000VA 3000W 120V 5P G2 Line-Interactive UPS • USB cable • RS-232 cable • Rack-mounting hardware • Tower support stands • User documentation
INPUT FREQUENCY RANGE	50/60 Hz
ELECTRIC CURRENT - MAX	24A
BATTERY MANAGEMENT	ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement)
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
RUNTIME AT HALF LOAD	9 min
RELATIVE HUMIDITY	20-90% non-condensing
FRONT PANEL LCD DISPLAY	LCD graphical display
INPUT PLUG TYPE	NEMA L5-30P
OUTPUT RECEPTACLES	5-15/20R L5-30R
NOMINAL OUTPUT VOLTAGE	120V
NETWORK MANAGEMENT CARDS	NETWORK-M3
NETWORK MANAGEMENT CARDS DETAILS	Network card optional
OUTPUT POWER FACTOR	1
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	3 min. (3000W)
COMMUNICATION INTERFACE	RS-232 USB (HID enabled)
BATTERY ACCESS	Battery Door
DC VOLTAGE	72
OPERATING	32° to 104°F (0° to 40°C)

Resources

3D CAD DRAWING PACKAGE	Eaton 5P G2 UPS Visio Stencils
3D MODELS	Eaton 5P G2 line-interactive UPS 3D drawing (5P3000RTG2)
APPLICATION NOTES	5P3000RTG2 runtime graph
BROCHURES	Eaton 5P G2 line-interactive UPS VRLA product brochure Eaton 5P G2 line-interactive UPS quick start guide
DRAWINGS	Eaton 5P G2 line-interactive UPS drawing (5P3000RTG2 and 5P3000RTNG2)
MANUALS AND USER GUIDES	Eaton 5P G2 line-interactive UPS advanced user's guide

TEMPERATURE RANGE	
LOAD MANAGEMENT RECEPTACLES	2 Banks (2 outlets per bank)
HIGH VOLTAGE TRANSFER TO BATTERY POWER	151V +/-3%
LOW VOLTAGE TRANSFER TO BATTERY POWER	89V +/-3%
APPLICATION	• Retail/Point of Sale • Hospitality • Large Network • Audio/Video
SWITCH CONFIGURATION	5 Buttons: Esc, Up, Down, Enter, On/Off; RPO / ROO; Relay Out
AC SUPPRESSION JOULE RATING	380
HOUSING MATERIAL	Steel
OUTPUT AC WAVEFORM (AC MODE)	Sine Wave
OUTPUT AC WAVEFORM (BATTERY MODE)	Pure sine wave
OUTPUT CAPACITY (KVA)	3
OPERATING ELEVATION	3000m
AUDIBLE ALARMS	Audible alarm indicates utility failure, low-battery, overload, other UPS/Battery fault or remote shutdown
BATTERY START CAPABILITY	Cold-start operation supported
COOLING METHOD	Fan
LED INDICATORS	3 status-indicating LEDs (normal, battery mode, alarm); LED light Bar (Blue = Nominal, Yellow = Warning, Red = Alarm)
RECHARGEABLE BATTERY	9 Hours
RECOMMENDED ELECTRICAL SERVICE	30A 120V
STORAGE TEMPERATURE	5° to 122°F (-15° to 50°C)
INPUT NOMINAL VOLTAGE DESCRIPTION	Normal Mode: 120Vac (89-151 Vac); Extended Mode: 120V (70-153 Vac at <87% load)
NOMINAL VOLTAGE DETAILS	100V, 120V, 125V
VOLTAGE REGULATION DESCRIPTION	Automatic voltage regulation (AVR) maintains

	line power operation with an input voltage range of 89 to 151Vac (Normal) 70 to 153Vac (Extended)
PLUG TYPE	NEMA L5-30P
MAXIMUM INPUT AMPS	24
MINIMUM REQUIRED RACK DEPTH (CM)	68.58
MINIMUM REQUIRED RACK DEPTH (INCHES)	27
UPS INPUT CORD LENGTH (M)	3.1
POWER MODE TRANSFER TIME	10ms Typical
OUTPUT CAPACITY (VA)	3000
INCLUDED ACCESSORIES	Rackmount hardware, Tower support stands
UPS INPUT CONNECTION TYPE	L5-30P
INPUT NOMINAL VOLTAGE	120 VAC
HIGH AVAILABILITY UPS FEATURES	Automatic voltage regulation (AVR) Sine wave output
NOMINAL INPUT VOLTAGE SUPPORTED	120 VAC

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Powering Business Worldwide

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.