



Eaton

SMART3000RML2U

Tripp Lite series SmartPro 3000VA 3000W
120V Line-Interactive Sine Wave UPS - 7
Outlets, Extended Run, Network Card
Option, LCD, USB, DB9, 2U Rack/Tower

□□□□

PRODUCT NAME	Eaton Tripp Lite series SmartPro UPS
CATALOG NUMBER	SMART3000RML2U
UPC	037332144324
PRODUCT LENGTH/DEPTH	23.7 in
PRODUCT HEIGHT	3.4 in
PRODUCT WIDTH	17.2 in
PRODUCT WEIGHT	74.5 lb
COMPLIANCES	FCC Class A RoHS
CERTIFICATIONS	CSA certified NOM UL 1778

TOPOLOGY Line-interactive

RACK SIZE 2U

COLOR Black

VA RATING 3000 VA

WATTAGE 3000 W

RACK MOUNTING KIT Yes

- PACKAGE CONTENTS**
- 3000VA 3000W 120V Line-Interactive UPS
 - USB cable
 - DB9 cable
 - Rack-mounting hardware
 - Tower support stands
 - Safety instructions
 - Quick Start Guide

INPUT CONNECTION L5-30P

INPUT CORD LENGTH 10 ft

NOMINAL FREQUENCY 50/60 Hz

INPUT FREQUENCY RANGE 50/60 Hz

INPUT POWER FACTOR 1

- RECEPTACLE**
- 5-20R
 - L5-30R

NUMBER OF OUTPUTS 5-20R 6

NUMBER OF OUTPUTS L5-30R 1

OUTPUT WAVEFORM Sine wave

OUTPUT NOMINAL VOLTAGE 120V default (100/110/120/125V)

ELECTRIC CURRENT - MAX 24A

RUNTIME GRAPH \$row.attributeValue.cdata

BATTERY REPLACEMENT Pre-July 2023: RBC58-2U Post-July 2023: 744-A3122

BATTERY TYPE Valve Regulated Lead Acid (VRLA)

EXTENDED BATTERY CAPABILITY Extended runtime supported via BP72VRM2U optional external battery packs

RUNTIME AT HALF LOAD 9 min

- EXPANSION SLOTS**
- One slot for optional WEBCARDLXE web card
 - Note: Not compatible with WEBCARDLX

USER INTERFACE	LCD display
NOISE LEVEL	50 dBA maximum, front side 1m
RELATIVE HUMIDITY	20-95% non-condensing
FRONT PANEL LCD DISPLAY	Front panel LCD information and configuration screen offers detailed UPS and site power status and operating data, plus configuration of voltage, operating mode, alarm function and a variety of additional options (see manual for detailed LCD configuration and monitoring options)
INPUT PLUG TYPE	NEMA L5-30P
OUTPUT RECEPTACLES	L5-30R 5-20R
PRODUCT FEATURES	Individually Controllable Load Banks Expandable Runtime Emergency Power Off (EPO)/Remote On-Off (ROO)
PRODUCT HIGHLIGHTS	Protects equipment against blackouts, brownouts, transient surges and line noise ENERGY STAR 2.0-certified to save electricity, lower costs and protect the environment For remote monitor and control, the WEBCARDLXE is required (sold separately). Not compatible with WEBCARDLX. Keeps equipment running during outages to allow time for file saves and safe shutdown \$250,000 Ultimate Lifetime Insurance (U.S., Canada and Puerto Rico only) 2 year warranty, 3 year with registration. (Worldwide) Note: Registration is required for 3 year warranty. Unity power factor ensures maximum power possible at each power rating 2-line front-panel LCD with 10 selectable screens reports detailed UPS and site power info
POWERALERT SOFTWARE	For local monitoring via the UPS's built-in communication ports, download PowerAlert Office software at https://tripplite.eaton.com/poweralert
NOMINAL OUTPUT VOLTAGE	100V 110V 120V 125V
NETWORK MANAGEMENT CARDS	WEBCARDLXE
NETWORK	One slot for optional WEBCARDLXE

MANAGEMENT CARDS DETAILS	web card. Note: Not compatible with WEBCARDLX
OUTPUT POWER FACTOR	1
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	3 min. (3000W)
COMMUNICATION INTERFACE	Slot for SNMP / Web interface Contact closure DB9 Serial USB (HID enabled) USB and DB9 serial cables included
BATTERY ACCESS	Front panel battery access door
TYPICAL BATTERY RUNTIME	Expandable Runtime
EXPANDABLE RUNTIME DESCRIPTION	Pre-July 2023: BP48V24-2U (limit 1); BP48V60RT-3U (multi-pack compatible); BP48V27-2US (multi-pack compatible) Post-July 2023: BP72VRM2U (limit 4)
DC VOLTAGE	72
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
COMMUNICATIONS CABLE	USB and DB9 cabling included
GROUNDING DETAILS	Rear panel grounding lug
OPTIONAL MOUNTING ACCESSORY NOTES	Optional 4POSTRAILKITWM enables installation in 4-post short-depth racks from 14.5 to 23.5 inches (368 to 597mm)
OUTPUT CIRCUIT BREAKERS	Three 20A output breakers protect 2x 5-20R outlets each
LOAD MANAGEMENT RECEPTACLES	Two switchable single outlet 5-20R load banks
HIGH VOLTAGE TRANSFER TO BATTERY POWER	151
LOW VOLTAGE TRANSFER TO BATTERY POWER	80
UNDERVOLTAGE CORRECTION	Boost incoming voltages between 81-102V by 15% (Normal Mode); 71-92V by 15% (Extended Mode)
NETWORK UPS TOOLS (NUT) COMPATIBILITY	NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite
APPLICATION	• High-End Desktop/Small Network • Large Network

SWITCH CONFIGURATION	5 pushbutton switches control OFF / ON power status, ENTER, UP, and DOWN selection and ESC control functions
AC SUPPRESSION JOULE RATING	380
HOUSING MATERIAL	Steel
OUTPUT AC WAVEFORM (AC MODE)	Pure Sine wave
OUTPUT AC WAVEFORM (BATTERY MODE)	Pure Sine wave
OUTPUT CAPACITY (KVA)	3
OUTPUT CAPACITY (WATTS)	3000
OPERATING ELEVATION	• 0-3,000 • 0-10000 ft. (0-3000 m)
PRIMARY UPS DEPTH (MM)	602
PRIMARY UPS HEIGHT (MM)	86
PRIMARY UPS WIDTH (MM)	437
AC SUPPRESSION RESPONSE TIME	Instantaneous
ALARM INTERFACE	Press the ESC (Escape) button on the front panel display to silence the alarm. Check the alarm condition and perform the applicable action to resolve the condition. If the alarm status changes, the alarm beeps again, overriding the previous alarm silencing
AUDIBLE ALARMS	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
BATTERY START CAPABILITY	Cold-start operation supported
COOLING METHOD	Fan
BATTERY REPLACEMENT DESCRIPTION	Hot-swappable, replaceable batteries
MINIMUM REQUIRED RACK DEPTH WITH EXTERNAL BATTERY PACK	27
MINIMUM REQUIRED RACK DEPTH	27

WITHOUT EXTERNAL BATTERY PACK	
OUTPUT VOLTAGE REGULATION (LINE MODE)	120V (-13%, +15%)
OUTPUT VOLTAGE REGULATION(BATTERY MODE)	-10%, +6%
OVERVOLTAGE CORRECTION	Reduces incoming voltage between 132-151V by 13% (Normal Mode); 138-152V (Extended mode)
RECHARGEABLE BATTERY	Less than 5 hours from 10 to 90% (typical, full load discharge)
RECOMMENDED ELECTRICAL SERVICE	30A 120V
STORAGE TEMPERATURE	5° to 122°F (-15° to 50°C)
FORM FACTOR	Rackmount Wall-mount Tower
INCLUDED MOUNTING ACCESSORY DESCRIPTION	Included mounting bracket enables installation in 4 post racks. Two ABS mounting stands enables the UPS to be configured in an upright tower orientation.
INPUT NOMINAL VOLTAGE DESCRIPTION	80V-151V; adjustable to 70-153V
NETWORK MONITORING PORT DESCRIPTION	Network Card Optional. Not compatible with WEBCARDLX.
NOMINAL VOLTAGE DETAILS	120v nominal output in battery mode
VOLTAGE REGULATION DESCRIPTION	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 81 to 150V (Normal mode) adjustable to 70-153V (Extended mode)
MAXIMUM INPUT AMPS	24
MINIMUM REQUIRED RACK DEPTH (CM)	68.58
MINIMUM REQUIRED RACK DEPTH (INCHES)	27
UPS INPUT CORD LENGTH (M)	3.1
UPS POWER MODULE DIMENSIONS	3.4 x 17.2 x 23.7
POWER MODE TRANSFER TIME	1-4ms for normal mode, >5ms for sensitive mode
CONNECTED EQUIPMENT	\$250,000 Ultimate Lifetime Insurance

INSURANCE	
OPTIONAL ACCESSORIES	4 post rackmount short-depth (4POSTRAILKITWM)
EMI AC NOISE SUPPRESSION	EMI / RFI AC Noise Suppression
UPS INPUT CONNECTION TYPE	L5-30P
EXTERNAL BATTERY PACK COMPATIBILITY	BP72VRM2U (limit 4)
GREEN ENERGY-SAVING FEATURES	Greater than 95% efficiency - GREEN UPS Individually controllable load banks Schedulable daily hours of economy mode operation
INPUT NOMINAL VOLTAGE	120 VAC
HIGH AVAILABILITY UPS FEATURES	Expandable battery backup Hot swappable batteries Automatic voltage regulation (AVR) Remote management Sine wave output Surge/noise protection
NOMINAL INPUT VOLTAGE SUPPORTED	120 VAC


