Tripp Lite (Eaton) SmartPro SMX3000XLRT2UA 3000VA/3000W 208/230V line-interactive sine wave



Dimensions	17.2″ W × 3.4″ H × 23.7″ D
Mounting	2U; included 4-post mounting kit; ABS tower stands
Weight	69.9 lb
Electrical	volts: 200-240V · amps: 16 · watts: 3000 · plug: IEC C20 inlet with included 6 ft C19-to-NEMA L6-20P cord; 8x C13 + 2x C19 out · breaker: 20A 240V (L6-20R)
Noise	50 dB
Where it goes in UNIT5.xyz	Bottom of the 4-post rack (23.7 in deep).
Warranty	2 years, 3 years with registration

The manufacturer's spec sheet follows on the next page.

SmartPro 3000VA 3000W 208/230V Line-Interactive Sine Wave UPS - 10 Outlets, Extended Run, Network Card Option, LCD, USB, DB9, 2U Rack/Tower

MODEL NUMBER: **SMX3000XLRT2UA**







Provides safe and reliable sine wave power to high-end server and network equipment used in SMB, Edge network and enterprise environments.

Highlights

- Delivers stable sine wave output in battery mode compatible with sensitive equipment
- Corrects brownouts and overvoltages without switching to battery power
- Unity power factor ensures maximum power possible at each power rating
- ENERGY STAR 2.0-certified to save electricity, lower costs and protect the environment
- WEBCARDLXE network interface (sold separately) allows 24/7 remote access and control

Package Includes

- 3000VA 3000W 208/230V Line-Interactive UPS
- Detachable C19 to NEMA L6-20P power cord, 6 ft. (1.8 m)
- (2) C13 to C14 output cables, 6 ft. (1.8 m)
- USB cable
- DB9 cable
- Rack-mounting hardware
- Tower support stands
- Quick Start Guide with safety instructions

Features

3kVA/3kW/208V Battery Backup for Distributed IT, Telecom or Enterprise Deployments
The SMX3000XLRT2UA provides reliable battery backup and AC power protection for connected devices against blackouts, brownouts, surges and line noise. Unity power factor ensures the most watts possible at each power rating, so you can connect more equipment. Pure sine wave power and unity power factor, even when on battery, means this SmartPro® UPS can be used with sensitive IT equipment, including servers, VoIP phones, data storage and PoE switches. Even if the battery is depleted, the UPS will automatically restart when the power comes back on after an extended outage.

Reliable, Expandable Battery Backup Keeps You Operational Through Power Outages
The field-replaceable, hot-swappable VRLA battery modules allow you to work through short power failures and give you enough time to safely save files and shut down your system in case of a prolonged blackout. Extra runtime is available by connecting up to four optional extended battery modules (BP72VRM2U, sold separately).

Outlets Protect Your Connected Components
Eight C13 and two C19 outlets provide connected equipment with pure sine wave AC output and allow you to monitor power consumption down to the outlet group level. Power provided by these outlets is filtered to protect connected equipment against damaging surges and line noise. Five outlets are grouped into two load banks that let you shed non-critical loads to extend runtime for critical loads. Front and rear cooling fans help protect equipment from overheating.

Optional LX Platform Network Management Card Allows Remote Access 24/7
The WEBCARDLXE network interface (sold separately) enables full remote configuration and management, including load shedding, reboots of connected equipment and safe shutdowns. The IP-based Auto Probe feature ensures continuous network uptime by communicating with other network devices, detecting lost connectivity and automatically rebooting IT equipment. Optional EnviroSense2 modules (E2MT, E2MTDO and E2MTHDI, all sold separately) provide a variety of environmental monitoring and control options.

Intuitive Front-Panel Interface for Convenient UPS Operation and Monitoring
The two-line front-panel LCD monitoring screen features 10 selectable screens that allow quick access to

a wide range of detailed UPS and site power information. LEDs show UPS status: a green light means utility power is on, an orange light means the UPS is in battery mode and a red light indicates an active alarm or fault. The control panel rotates to accommodate both rack-mount and tower configurations.

Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions
AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts. The SMX3000XLRT2UA maintains regulated 208V nominal output during brownouts and overvoltages from 160V to 294V while keeping the battery fully charged and ready to take over in case of power failure.

Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better
This UPS system filters out disruptive electromagnetic and radio frequency interference that can inflict hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

Advanced Communications Ports Allow for Automatic Saves and Shutdowns
RS-232 and USB ports allow local control of the UPS and its advanced features when remote access is unavailable (cables are included). A dry-contact relay port can be programmed through the LCD to provide reliable communications to automation and industrial components. The RPO/ROO (Remote Power On/Remote On Off) port permits emergency shutdown or remote restart of the UPS and all connected equipment.

Versatile Deployment Options
You can mount the SMX3000XLRT2UA in just 2U of space in an EIA-standard 19-inch rack using the included hardware. You can also adapt it for tower installation using the included support stands. The detachable six-foot (1.8-meter) power cord with NEMA L6-20P plug connects to a compatible AC outlet.

Specifications

OVERVIEW	
UPC Code	037332181381
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	16A
Nominal Input Voltage(s) Supported	200V AC; 208V AC; 220V AC; 230V AC; 240V AC
UPS Input Connection Description	IEC320-C20 input connection accepts included IEC C19 to L6-20P 6ft (1.8m) included input cordset. Also supports user supplied detachable C19 output cordsets to match country or site-specific power source connections.
Maximum Input Amps	16
OUTPUT	
Output Capacity (VA)	3000
Output Capacity (kVA)	3
Output Capacity (Watts)	3000
Output Capacity (kW)	3
Power Factor	1.0
Nominal Voltage Details	208v nominal inverter output voltage

Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Automatic frequency selection
Output Voltage Regulation (Line Mode)	208V (-13%, +15%)
Output Voltage Regulation (Battery Mode)	-10%, +6%
Output Receptacle Details	Compatible with Eaton Tripp Lite Power Cords
Included Output Power Cables	Set of 2x 6ft. C13 to C14 power cables included.
Load Management Receptacles	Two switchable load banks: Load 1 (2x C13; C19), Load 2 (2x C13)
Output AC Waveform (AC Mode)	Pure Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	200V; 208V; 220V; 230V; 240V
Output Receptacles	(8) C13; (2) C19
Individually Controllable Load Banks	Yes
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	3 min. (3000W)
Runtime Half Load (min.)	9 min. (1500W)
Expandable Runtime	Yes
Expandable Battery Runtime	Extended runtime supported via optional 72VDC BP72VRM2U external battery packs only.
External Battery Pack Compatibility	BP72VRM2U (limit 4)
DC System Voltage (VDC)	72
Battery Recharge Rate (Included Batteries)	Less than 5 hours from 10 to 90% (typical, full load discharge)
Battery Access	Front panel battery access door
Internal UPS Replacement Battery Cartridge	Pre-February 2024: RBC94-2U Post February 2024: EBP-1617
Battery Replacement Description	Hot-swappable, replaceable batteries
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 150 to 294
Overvoltage Correction	Reduces incoming voltage between 265-294V (Normal Mode / Extended Mode) by 13%
Undervoltage Correction	Increases incoming voltage between 162-184V (Normal Mode) or 151-184V (Extended Mode) by 15%
Severe Undervoltage Correction	UPS: 3 status-indicating LEDs (normal, battery mode, alarm/fault); LED colors (green = ON, orange = On battery, flashing orange = below warning level, red = alarm/fault).

USER INTERFACE, ALERTS & CONTROLS	
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)
Switches	5 pushbutton switches control OFF / ON power status, ENTER, UP, and DOWN selection and ESC control functions
Alarm Cancel Operation	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 Alarm	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	175
AC Suppression Response Time	Instantaneous
PHYSICAL	
Primary Form Factor	Rackmount; Tower
Rack Height	2U
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount; Tower
Installation Form Factors Supported with Optional Accessories	2 post rackmount (103007018-5591); 4 post rackmount short-depth (4POSTRAILKITWM)
Minimum Required Rack Depth (cm)	68.58
Minimum Required Rack Depth (inches)	27
Minimum Required Rack Depth with External Battery Pack (cm)	69
Minimum Required Rack Depth with External Battery Pack (in.)	27
Minimum Required Rack Depth without External Battery Pack (cm)	69
Minimum Required Rack Depth without External Battery Pack (in.)	27
Optional Mounting Accessory Notes	Optional 4POSTRAILKITWM enables installation in 4-post short-depth racks from 14.5 to 23.5 inches (368 to 597mm)
Primary UPS Depth (mm)	602
Primary UPS Height (mm)	86
Primary UPS Width (mm)	437
Shipping Dimensions (hwd / in.)	9.40 x 22.80 x 30.90
Shipping Dimensions (hwd / cm)	23.88 x 57.91 x 78.49

Shipping Weight (lbs.)	84.90
Shipping Weight (kg)	38.51
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	8.64 x 43.69 x 60.20
UPS Power Module Dimensions (hwd, in.)	3.4 x 17.2 x 23.7
UPS Power Module Weight (kg)	31.71
UPS Power Module Weight (lbs.)	69.9
Unit Dimensions (hwd / in.)	3.400 x 17.200 x 23.700
Mounting Details	Included 4-post mounting kit enables installation in 4 post racks. Two ABS mounting stands enables the UPS to be configured in an upright tower orientation.
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	20 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	208
AC Mode Efficiency Rating (100% Load)	>96%
Operating Elevation	0-10000 ft. (0-3000 m)
Storage Elevation (ft.)	0-32,808
Audible Noise	50 dBA maximum, front side 1m
Storage Elevation (m)	0-10,000
COMMUNICATIONS	
Network Management Cards	WEBCARDLXE
Network Monitoring Port Description	Network Card Optional. Not compatible with WEBCARDLX.
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Office software at https://tripplite.eaton.com/poweralert
Communications Cable	USB and DB9 cabling included
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
Network Management Card Description	Optional WEBCARDLXE only (Sold separately). Not compatible with WEBCARDLX.
Communications Interface	Contact closure; DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)
Emergency Power Off (EPO)/Remote On-Off (ROO)	Yes
LINE / BATTERY TRANSFER	
Transfer Time	1-4ms for normal mode, >5ms for sensitive mode

Low Voltage Transfer to Battery Power (Setpoint)	160
High Voltage Transfer to Battery Power (Setpoint)	294
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Expandable battery backup; Hot swappable batteries; Remote management; Sine wave output; Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Individually controllable load banks; Schedulable daily hours of economy mode operation
Grounding Details	Rear panel grounding lug
APPLICATIONS	
UPS Applications	Large Network; High-End Desktop/Small Network
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 107.3 (Canada); CSA (Canada); ICES (Canada); NOM (Mexico); UL 1778
Product Compliance	CE (Europe); ENERGY STAR Qualified; FCC Part 15 Class A (USA); RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: Registration is required for 3-year warranty.

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