

Eaton SMX2200XLRT2U

SmartPro 230V 2.2kVA 1.92kW Line-Interactive
Sine Wave UPS, 2U, Extended Run, Network Card
Options, LCD, USB, DB9

PRODUCT NAME	Eaton Tripp Lite series SmartPro UPS
CATALOG NUMBER	SMX2200XLRT2U
UPC	037332124562
PRODUCT LENGTH/DEPTH	21.5 in
PRODUCT HEIGHT	8.7 in
PRODUCT WIDTH	24.2 in
PRODUCT WEIGHT	68.75 lb
COMPLIANCES	CE Marked RoHS
CERTIFICATIONS	GoST-R

TOPOLOGY	Line-interactive
RACK SIZE	2U
VA RATING	2200 VA
PACKAGE CONTENTS	• SMX2200XLRT2U UPS system • USB, Serial & EPO cabling • 4 post rackmount installation kit • Set of 3 C13/C14 power cables • Instruction manual
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	50/60 Hz
RECEPTACLE	C13
OUTPUT NOMINAL VOLTAGE	220/230/240V
ELECTRIC CURRENT - MAX	10.7A
BATTERY REPLACEMENT	RBC94-2U
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
RUNTIME AT HALF LOAD	11.9 min
NOISE LEVEL	45 dBA maximum, front side 1m
RELATIVE HUMIDITY	0-95% 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	C20
OUTPUT RECEPTACLES	C13
PRODUCT FEATURES	Individually Controllable Load Banks Expandable Runtime
PRODUCT HIGHLIGHTS	USB, RS232, EPO and slot for network management card options Optional WEBCARDLX with latest version of PADM20 supports Auto Probe feature 2-year limited warranty (Mexico and Puerto Rico -- warranties may vary by country) 2.2kVA / 2200VA / 1920W line interactive 2U rack/tower UPS, Sine Wave 98% line-mode efficiency, 2 switched load banks, 4 post mounting kit 230V C20 inlet, 8 C13 outlets Extended runtime options up to 1600W, 0.9 Power Factor, Interactive LCD interface
POWERALERT SOFTWARE	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert

NOMINAL OUTPUT VOLTAGE	220V 230V 240V
NETWORK MANAGEMENT CARDS	WEBCARDLXE TLNETCARD RELAYIOCARD
NETWORK MANAGEMENT CARDS DETAILS	Network management card optional
OUTPUT POWER FACTOR	0.87
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	5 min. (1920W)
COMMUNICATION INTERFACE	EPO (emergency power off) Slot for SNMP / Web interface USB, DB9 and EPO cabling included DB9 Serial USB (HID enabled)
BATTERY ACCESS	Front panel battery access door
TYPICAL BATTERY RUNTIME	Expandable Runtime
DC VOLTAGE	48
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
COMMUNICATIONS CABLE	USB, DB9 and EPO cabling included
GROUNDING DETAILS	Back panel grounding lug
INCLUDED OUTPUT POWER CABLES	Includes 3 C13 to C14 output power cables
INPUT CIRCUIT BREAKERS	15A
OPTIONAL MOUNTING ACCESSORY NOTES	Optional 2-9USTAND enables upright tower UPS placement; 2POSTRMKITWM enables wall-mount and 2-post rackmount installation; 4POSTRAILKITWM enables installation in 4-post short-depth racks from 14.5 to 23.5 inches (368 to 597mm); UPSHDEARKIT enables installation in 2 or 4-post racks using front vertical rails only, without rear support
LOAD MANAGEMENT RECEPTACLES	Two switchable single-outlet C13 load banks
HIGH VOLTAGE TRANSFER TO BATTERY POWER	278V
LOW VOLTAGE TRANSFER TO BATTERY POWER	158V
UNDERVOLTAGE CORRECTION	Voltage boost of 12% applies when input voltage is between 183-206V
APPLICATION	• Large Network • High-End Desktop/Small Network
SWITCH CONFIGURATION	3 pushbutton switches control OFF / ON power status, MODE selection and MUTE / ENTER control functions

HOT SWAP PDU OPTIONS	PDUBHV20 (2U / 6 C13, 2 C19 outlets)
AC SUPPRESSION JOULE RATING	350
HOUSING MATERIAL	Steel
OUTPUT AC WAVEFORM (AC MODE)	Sine wave
OUTPUT AC WAVEFORM (BATTERY MODE)	Pure Sine wave
OUTPUT CAPACITY (KVA)	2.2
OUTPUT CAPACITY (WATTS)	1920
PRIMARY UPS DEPTH (MM)	495
PRIMARY UPS HEIGHT (MM)	89
PRIMARY UPS WIDTH (MM)	445
AC SUPPRESSION RESPONSE TIME	Instantaneous
ALARM INTERFACE	Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available
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, user replaceable batteries
FREQUENCY RATING DETAILS	Automatic frequency selection
MINIMUM REQUIRED RACK DEPTH WITH EXTERNAL BATTERY PACK	26.5
MINIMUM REQUIRED RACK DEPTH WITHOUT EXTERNAL BATTERY PACK	21.75
OUTPUT VOLTAGE REGULATION (LINE MODE)	-15%, +6%
OUTPUT VOLTAGE REGULATION(BATTERY MODE)	+/- 5%
OVERVOLTAGE CORRECTION	Voltage reduction of 12% applies when input is between 244-278V
RECHARGEABLE BATTERY	Less than 4.5 hours from 10% to 90% (typical, full load discharge)
STORAGE TEMPERATURE	5° to 122°F (-15° to 50°C)
FORM FACTOR	Rackmount
INCLUDED MOUNTING	Included 4POSTRAILKIT mounting

ACCESSORY DESCRIPTION	bracket enables installation in 4 post racks from 20.5 to 36 inches (521 to 914mm)
INPUT CONNECTION DESCRIPTION	IEC320-C20 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
NETWORK MONITORING PORT DESCRIPTION	Supports detailed monitoring of UPS and site power conditions
NOMINAL VOLTAGE DETAILS	230V nominal output in battery mode
VOLTAGE REGULATION DESCRIPTION	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 158 to 278
WATCHDOG COMPATIBILITY	Supports Watchdog application, OS and hard-reboot restart options for remote applications
MAXIMUM INPUT AMPS	11
MINIMUM REQUIRED RACK DEPTH (CM)	58.42
MINIMUM REQUIRED RACK DEPTH (INCHES)	23
UPS POWER MODULE DIMENSIONS	3.50 x 17.50 x 19.50
POWER MODE TRANSFER TIME	6 ms. (AC to DC) / 1 ms. (DC to AC)
OUTPUT CAPACITY (VA)	2200
OUTPUT CAPACITY (KW)	1.92
OPTIONAL ACCESSORIES	2 post rackmount (2POSTRMKITWM) 2-4 post front rail rackmount (UPSHDEARKIT) 4 post rackmount short-depth (4POSTRAILKITWM) Tower (2-9USTAND) Wallmount (2POSTRMKITWM)
EMI AC NOISE SUPPRESSION	EMI / RFI AC Noise Suppression
UPS INPUT CONNECTION TYPE	C20 inlet
EXTERNAL BATTERY PACK COMPATIBILITY	BP48V24-2U (limit 1) BP48V60RT-3U (multi-pack compatible) BP48V27-2US (multi-pack compatible)
GREEN ENERGY-SAVING FEATURES	Greater than 95% efficiency - GREEN UPS Individually controllable load banks
INPUT NOMINAL VOLTAGE	230 VAC
HIGH AVAILABILITY UPS FEATURES	Auto probe monitoring and reboot (requires WEBCARDLX) Surge/noise protection Remote management Hot swappable batteries Automatic voltage regulation (AVR)
NOMINAL INPUT VOLTAGE SUPPORTED	230 VAC



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