



Eaton SMART2200RM2U

SmartPro 1950VA 1950W 120V Line-Interactive Sine Wave UPS - 7 Outlets, Network Card Option, LCD, USB, DB9, 2U Rack/Tower

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PRODUCT NAME	Eaton Tripp Lite series SmartPro UPS
CATALOG NUMBER	SMART2200RM2U
UPC	037332150622
PRODUCT LENGTH/DEPTH	23.7 in
PRODUCT HEIGHT	3.4 in
PRODUCT WIDTH	17 in
PRODUCT WEIGHT	65.3 lb
COMPLIANCES	FCC Class A RoHS ENERGY STAR certified
CERTIFICATIONS	UL 1778 NOM CSA certified

TOPOLOGY	Line-interactive
RACK SIZE	2U
COLOR	Black
VA RATING	1950 VA
WATTAGE	1950 W
RACK MOUNTING KIT	Yes
PACKAGE CONTENTS	• 1950VA 1950W 120V Line-Interactive UPS • USB cable • DB9 cable • Rack-mounting hardware • Tower support stands • Safety instructions
INPUT CONNECTION	5-20P
INPUT CORD LENGTH	10 ft
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	50/60 Hz
INPUT POWER FACTOR	1
RECEPTACLE	• 5-20R • L5-20R
NUMBER OF OUTPUTS 5-20R	6
NUMBER OF OUTPUTS L5-20R	1
OUTPUT WAVEFORM	Sine wave
OUTPUT NOMINAL VOLTAGE	120V default (100/110/120/125V)
ELECTRIC CURRENT - MAX	16A (120V)
RUNTIME GRAPH	<code>\$row.attributeValue.cdata</code>
BATTERY REPLACEMENT	Pre-July 2023: RBC94-2U Post-July 2023: 744-A4852
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
RUNTIME AT HALF LOAD	12 min
EXPANSION SLOTS	• One slot for optional WEBCARDLXE web card • Note: Not compatible with WEBCARDLX
USER INTERFACE	LCD display
NOISE LEVEL	45 dBA maximum, front side 1m
RELATIVE HUMIDITY	20-95% non-condensing

FRONT PANEL LCD DISPLAY	Front panel rotatable 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 5-20P
OUTPUT RECEPTACLES	L5-20R 5-20R
PRODUCT FEATURES	Individually Controllable Load Banks Emergency Power Off (EPO)/Remote On-Off (ROO)
PRODUCT HIGHLIGHTS	2 year warranty, 3 year with registration. (Worldwide) Note: Registration is required for 3 year warranty. 2-line front-panel LCD with 10 selectable screens reports detailed UPS and site power info For remote monitor and control, the WEBCARDLXE is required (sold separately). Not compatible with WEBCARDLX. ENERGY STAR 2.0-certified to save electricity, lower costs and protect the environment Keeps equipment running during outages to allow time for file saves and safe shutdown Unity power factor ensures maximum power possible at each power rating \$250,000 Ultimate Lifetime Insurance (U.S., Canada and Puerto Rico only) Protects equipment against blackouts, brownouts, transient surges and line noise
POWERALERT SOFTWARE	For local monitoring via the UPS's built-in communication ports, download PowerAlert Office software at https://www.tripplite.com/poweralert
NOMINAL OUTPUT VOLTAGE	100V 110V 120V 125V
NETWORK MANAGEMENT CARDS	WEBCARDLXE
NETWORK MANAGEMENT CARDS DETAILS	One slot for optional WEBCARDLXE web card. Note: Not compatible with WEBCARDLX
OUTPUT POWER	1

FACTOR	
PHASE (INPUT)	Single-phase
RUNTIME AT FULL LOAD	4 min. (1950W)
COMMUNICATION INTERFACE	Slot for SNMP / Web interface USB (HID enabled) Contact closure DB9 Serial USB and DB9 serial cables included
BATTERY ACCESS	Front panel battery access door
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)
LOAD MANAGEMENT RECEPTACLES	Two switched single outlet load banks (2x 5-20R and 2x 5-20R)
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
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)	1.95
OUTPUT CAPACITY (WATTS)	1950
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, user replaceable batteries
LED INDICATORS	3 status-indicating LEDs (normal, battery mode, alarm); LED light bar (blue = nominal, blinking blue = warning, red = alarm)
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 4.5 hours from 10% to 90% (typical, full load discharge)
RECOMMENDED ELECTRICAL SERVICE	20A 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	16
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
CONNECTED EQUIPMENT INSURANCE	\$250,000 Ultimate Lifetime Insurance
OPTIONAL ACCESSORIES	4 post rackmount short-depth (4POSTRAILKITWM)
EMI AC NOISE SUPPRESSION	EMI / RFI AC Noise Suppression
UPS INPUT CONNECTION TYPE	5-20P
GREEN ENERGY- SAVING FEATURES	Greater than 95% efficiency - GREEN UPS Individually controllable load banks
INPUT NOMINAL VOLTAGE	120 VAC
HIGH AVAILABILITY UPS FEATURES	Remote management Surge/noise protection Hot swappable batteries Sine wave output Automatic voltage regulation (AVR)

NOMINAL INPUT VOLTAGE SUPPORTED	120 VAC
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