

SmartPro 230V 500VA 300W Line-Interactive UPS, SNMP, Webcard, 1U Rack/Tower, USB, DB9 Serial

MODEL NUMBER: SMX500RT1U









Description

Tripp Lite's SMX500RT1U intelligent, line interactive rack/tower uninterruptible power supply prevents data loss, downtime and equipment damage due to power outages, voltage fluctuations and transient surges. Requires only one rack space (1U) in a 2 or 4 post rack, with included accessories for upright tower placement. Large internal batteries offer 14.6 minutes half load runtime and 3.2 minutes at full load. Maintains regulated 230V nominal output without using battery power during brownouts as low as 187V. 500VA/300 watt power handling capability is compatible with networking, telecom and other sensitive electronic applications. Includes a total of 7 IEC C13 outlets (6 UPS with a single outlet that can be individually controlled via software interface to reboot

Highlights

- 500VA line interactive 1U rack/tower UPS
- 230V nominal output during brownouts to 187V and overvoltages to 252V
- USB, RS232, EPO and optional SNMP/Web card interface
- Front panel status LEDs; 1 switched output load bank
- C14 input; 7 C13 outlets; 2 C13 to C14 cables

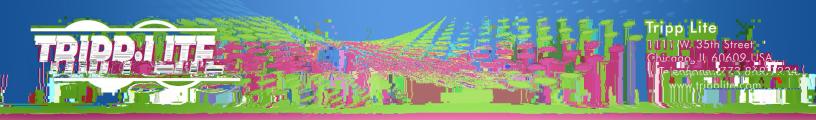
Package Includes

- SMX500RT1U UPS System with mounting hardware
- Two 1.8m IEC320-C13 to C14 load jumper cables
- Cabling for USB & DB9 monitoring and EPO switching
- PowerAlert unattended shutdown and UPS/Power monitoring software
- Warranty information and instruction manual

select equipment on demand or shed less significant loads to extend battery runtime for more critical equipment, and 1 surge-only receptacle. Supports simultaneous remote monitoring of UPS and site power conditions via built-in USB, DB9 monitoring ports, and SNMP accessory slot. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Built-in accessory slot supports SNMP with optional SNMPWEBCARD adapter. Emergency Power Off (EPO) interface offers option for instantaneous power-off of UPS and connected equipment in the case of fire or emergency situation. Multi-function audible alarms and set of 5 front panel LEDs offer at-a-glance notification of UPS and line power status. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges and line noise. Attractive all-black color scheme.

Features

- Tripp Lite SMX500RT1U .5 kVA / 500VA / 300 watt line interactive UPS
- 1U rack / tower compatible form factor
- IEC C14 input; 7 IEC C13 output receptacles
- Installed depth of only 11.8 in / 29.8 cm
- Large internal batteries offer runtimes of 14.6 minutes at half load (250VA/150 watts) and 3.2 minutes at full load (500VA/300 watts)
- Maintains regulated 230V nominal output during brownouts as low as 187V
- Includes 6 UPS-supported outlets, with one single-outlet load bank for remote load shedding or rebooting of an individual device
- PowerAlert UPS monitoring software enables detailed site power and UPS status updates with support for unattended shutdown of connected systems as UPS batteries become depleted
- Supports detailed monitoring of equipment load levels, self-test data, and utility power condition via built-in RS-232 and USB interfaces



- Optional SNMPWEBCARD offers communications and control via secure remote web and network interfaces
- Supports Tripp Lite's WatchDog software application to restore operation to locked equipment through soft reboot of application, OS or hard power off/on reboot of connected equipment ideal for unattended kiosk applications (requires optional WATCHDOGSW)
- Emergency Power Off (EPO) interface with cable
- Multi-function audible alarms and set of 5 front panel LEDs
- C14 inlet accepts user-supplied AC power cord with country specific plug
- Network-grade AC surge suppression
- Field-replaceable, hot-swappable internal UPS batteries
- Optional PDUBHV10 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment

Specifications

General Info		
RoHS	Y	
ОИТРИТ		
Output Volt Amp Capacity (VA)	500	
Output Watt Capacity (Watts)	300	
Power Factor	0.6	
Nominal Output Voltage(s) Supported	220V; 230V; 240V	
Nominal Voltage Details	230v nominal inverter output voltage	
Frequency Compatibility	50 / 60 Hz	
Output Voltage Regulation (Line Mode)	-8%, +15%	
Output Voltage Regulation (Battery Mode)	+/- 5%	
Output Receptacles	(6) C13	
Included Output Power Cables	Two 1.8m IEC320-C13 to C14 load jumper cables	
UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 1 surge-only outlets	
Load Management Receptacles	One switchable single-outlet C13 load bank	
Hot-Swap PDU options	PDUBHV10 (2U / 8 C13 outlets)	
Output AC Waveform (AC Mode)	Sine wave	
Output AC Waveform (Battery Mode)	PWM sine wave	
INPUT		
Rated input current (Maximum Load)	2.4A	
Nominal Input Voltage(s) Supported	230V AC	

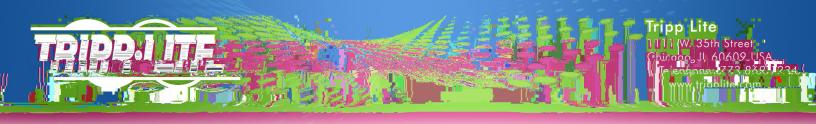
UPS Input Connection Type	C14 inlet
UPS Input Connection Description	C14 inlet accepts user-supplied AC power cord with country-specific plug
Input Circuit Breakers	8A
Input Phase	Single-Phase

BATTERY





Rack Height (U Spaces)	1	
UPS Power Module Weight (lbs.)	18	
UPS Power Module Weight (kg)	8.2	
UPS Shipping Dimensions (hwd / in.)	5 x 22.5 x 16	
UPS Shipping Dimensions (hwd / cm)	12.7 x 57.2 x 40.6	
Shipping Weight (lbs.)	21	
Shipping Weight (kg)	9.5	
UPS Housing Material	Steel	
ENVIRONMENTAL		
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius	
Relative Humidity	0 to 95%, non-condensing	
AC Mode BTU / Hr. (Full Load)	53.7	
Battery Mode BTU / Hr. (Full Load)	358.4	
AC Mode Efficiency Rating (100% Load)	95%	
COMMUNICATIONS		
Communications Interface	USB (HID enabled); DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface	
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions	
PowerAlert Software	Included	
Communications Cable	USB and DB9 cabling included	
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications	
Network UPS Tools Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite	
LINE / BATTERY TRANSFER		
Transfer Time	2-4 milliseconds	
Low Voltage Transfer to Battery Power (Setpoint)	187	
High Voltage Transfer to Battery Power (Setpoint)	264	
SPECIAL FEATURES		
Grounding Lug	Back panel grounding lug	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported	



High Availability UPS Features	Hot swappable batteries		
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Individually controllable load banks		
CERTIFICATIONS			
UPS Certifications	CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Tested to IRAM (Argentina); ROHS (Restriction of Hazardous Substances)		
UPS Certification Details	CE: EC62040		
WARRANTY			
Product Warranty Period (International)	2-year limited warranty		
Product Warranty Period (Mexico)	2-year limited warranty		
Product Warranty Period (Puerto Rico)	2-year limited warranty		

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