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## Model #: SM1000RM2UTAA

**TAA Compliant SmartPro 1kVA .8kW Line Interactive Sine Wave UPS, SNMP option, 2U Rack/Tower, LCD, USB, Serial, EPO, 120V**

### Highlights

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 1kVA / 1000VA / 800 watt line interactive 2U rack/tower UPS, Sine wave output
- 120V output, Corrects brownouts and overvoltages from 83V to 147V
- Interactive LCD provides UPS status and advanced configuration options
- USB, RS232, EPO and slot for optional SNMP/Web card
- 2 independently switchable output load banks, 12.5 in / 31.75 cm depth
- NEMA 5-15P input, 6 NEMA 5-15R outlets



### Description

Tripp Lite's SM1000RM2UTAA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases. Tripp Lite SmartPro Line Interactive UPS with enhanced LCD interface offers network-grade power protection for critical server, network and telecommunications equipment. Line Interactive Uninterruptible Power Supply (UPS) with built-in Auto-Voltage Regulation (AVR) actively corrects brownouts and overvoltages back to usable levels while maintaining a full battery charge in case of power failure. Interactive LCD interface reports UPS operating mode, detailed UPS and site-power data, plus enables a variety of UPS setup and configuration options. Super-fast switchover from line to battery power occurs within milliseconds to maintain operation of connected equipment without interruption or reboot. 95% line-mode efficiency offers reduced heat emissions and operating costs. Network management interfaces support communications via USB, RS-232 and optional SNMPWEBCARD network interface. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Network communications ports enable detailed monitoring of equipment load levels, self-test data and utility power conditions. Includes PowerAlert monitoring software and complete cabling. Switched output load banks enable scheduled and real-time remote reboot and load shedding of select outlets. Emergency Power Off (EPO) interface. LCD display panel easily rotates for viewing in rackmount or tower configurations. Audible alarm with push-button momentary alarm-cancel and silent-mode configuration options. Programmable self-test. Field-replaceable, hot-swappable battery modules.

### Package Includes

- SM1000RM2UTAA TAA Compliant UPS System
- PowerAlert software with USB, Serial & EPO cabling
- 4 post rackmount installation kit
- Instruction manual

### Features

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- Tripp Lite SM1000RM2UTAA line interactive 2U rack/tower UPS with 1000VA / 1kVA / 800W capacity
- Line interactive UPS with Automatic Voltage Regulation (AVR) corrects brownouts and overvoltages from 83 to 145V
- NEMA 5-15P input plug; 6 NEMA 5-15R output receptacles, Two independently switchable output load banks
- Maintains uninterrupted operation of connected networking equipment during blackouts, surges, brownouts and overvoltages
- High 95% efficiency rating in line-power mode offers reduced power consumption and BTU emissions
- Internal batteries offer 15 minutes at 50% load (400W) and 5.3 minutes at 100% load (800W)
- Hot-swappable, user-replaceable internal batteries can be replaced with no disruption to connected equipment
- Front panel LCD monitoring screen with MODE and ENTER buttons reports operating mode with 5-bar battery charge graphic, plus 7 selectable screens of detailed UPS and site power information
- LCD interface also supports a number of advanced user setup and operating preferences
- Ships with 4 post rackmount installation hardware; Optional 2POSTRMKITWM enables 2 post rackmount/wallmount installation; Optional 2-9USTAND enables tower placement

- Built-in USB, RS-232 and optional SNMPWEBCARD accessory monitoring options
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Included PowerAlert UPS monitoring software; Built-in Emergency Power Off (EPO) interface with cable

## Specifications

<b>OUTPUT</b>	
Output Volt Amp Capacity (VA)	1000
Output kVA capacity (kVA)	1
Output Watt Capacity (watts)	800
Output power factor	0.8
Nominal Output Voltage(s) Supported	120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	-21%, +8%
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	6 5-15R outlet(s)
Built-in controllable switched load banks	Two switchable two-outlet 5-15R load banks
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	Pure Sine wave
<b>INPUT</b>	
Rated input current (at maximum load)	9.2A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	10A
UPS Input cord length (ft.)	10
UPS Input cord length (m)	3
Recommended Electrical Service	15A 120V
<b>BATTERY</b>	
Full load runtime (minutes)	5.3 min. (800w)

<b>Half load runtime (minutes)</b>	15 min. (400w)
<b>DC system voltage (VDC)</b>	24
<b>Battery recharge rate (included batteries)</b>	Less than 4 hours from 10% to 90%
<b>Replacement battery cartridge (internal UPS battery replacement)</b>	See Tripp Lite UPS Battery Selector
<b>Battery Access</b>	Front panel battery access door
<b>Battery replacement description</b>	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
<b>Voltage regulation description</b>	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
<b>Overvoltage correction</b>	Input voltages between 128 and 147 are reduced by 12%
<b>Undervoltage correction</b>	Input voltages between 83 and 107 are boosted by 14%
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Front panel LCD display</b>	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)
<b>Alarms</b>	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
<b>Alarm cancel operation</b>	Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available
<b>Switches</b>	3 pushbutton switches control OFF / ON power status, MODE selection and MUTE / ENTER control functions
<b>SURGE / NOISE SUPPRESSION</b>	
<b>UPS AC suppression joule rating</b>	570
<b>UPS AC suppression response time</b>	Instantaneous
<b>EMI / RFI AC noise suppression</b>	Yes
<b>PHYSICAL</b>	
<b>Installation form factors supported with included accessories</b>	4 post 19 inch rackmount (mounting rail kit included)
<b>Installation form factors supported with optional accessories</b>	2 post rackmount (2POSTRMKITWM); Wallmount (2POSTRMKITWM); Tower (2-9USTAND)
<b>Primary form factor</b>	Rackmount
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / inches)</b>	3.5 x 17.5 x 12.5

<b>UPS / Power Module dimensions in primary form factor (height x width x depth / cm)</b>	8.9 x 44.4 x 31.75
<b>Rack Height</b>	2U
<b>Secondary form factor</b>	Tower (requires <a href="#">2-9U STAND</a> )
<b>UPS / Power Module weight (lbs)</b>	35.4
<b>UPS / Power Module weight (kg)</b>	16.1
<b>UPS Shipping dimensions (height x width x depth / inches)</b>	7.9 x 22.9 x 19.3
<b>UPS Shipping dimensions (height x width x depth / cm)</b>	20.1 x 58.2 x 49
<b>Shipping weight (lbs)</b>	46.4
<b>Shipping weight (kg)</b>	21.1
<b>Cooling method</b>	Fan
<b>UPS housing material</b>	Steel
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature Range</b>	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
<b>Storage Temperature Range</b>	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>AC mode BTU / hr. (full load)</b>	134
<b>COMMUNICATIONS</b>	
<b>Communications interface</b>	USB; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface
<b>Network monitoring port description</b>	Supports detailed monitoring of UPS and site power conditions
<b>PowerAlert software</b>	Included
<b>Communications cable</b>	USB and DB9 cabling included
<b>WatchDog compatibility</b>	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time</b>	2-4 milliseconds
<b>Low voltage transfer to battery power (setpoint)</b>	83

High voltage transfer to battery power (setpoint)	147
<b>SPECIAL FEATURES</b>	
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 & high efficiency features	Individually controllable load banks
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); ROHS (Restriction of Hazardous Substances); TAA Compliant
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a href="#">Ultimate Lifetime Insurance</a>

## Related Items

### Optional Products

Related Model	Description	Qty.
<a href="#">WEXT3-500-1500</a>	3-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
<a href="#">WEXT5-500-1500</a>	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
<a href="#">SNMPWEBCARD</a>	For remote monitoring and control via SNMP, Web, or Telnet.	1
<a href="#">ENVIROSENSE</a>	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
<a href="#">2-9USTAND</a>	Enables Tower Placement of Rackmount UPS Systems	1
<a href="#">2POSTRMKITWM</a>	Enables 2-Post Rackmount or Wallmount Installation of Select Rackmount UPS Systems	1
<a href="#">RBC24V-LCD</a>	2U UPS Replacement Battery Cartridge for select Tripp Lite SmartPro UPS	1
<a href="#">WATCHDOGSW</a>	WatchDog Service Monitoring / Reboot Software	1
<a href="#">PDUB15</a>	Single-Phase Hot-Swap PDU, 15A 120V, 2U Horizontal Rackmount, 8 NEMA 5-15R outlets, set of 2 NEMA 5-15P input plugs	1
<a href="#">PDU1215</a>	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	1
<a href="#">PDUNV</a>	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	1
<a href="#">PDUMH15</a>	Metered PDU / Power Distribution Unit - Safe, reliable power distribution with digital current meter	1
<a href="#">PDUMH15AT</a>	Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching	1

PDUMNH15	Monitored PDU / Power Distribution Unit supports real-time remote monitoring of load level, voltage and frequency with options for remote environmental and security monitoring	1
PDUMNV15	Monitored PDU / Power Distribution Unit supports real-time remote monitoring of load level, voltage and frequency with options for remote environmental and security monitoring	1
PDUMH15ATNET	Switched, Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching, individual outlet control and remote network interface	1
PDUMV15NET	Switched, Metered PDU with Remote Monitoring - 0U Vertical Rackmount Power Distribution Unit for Networks with Individually Switchable Outlets, Current Metering, Remote Monitoring and Control	1
P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
P022-001	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	1
P023-001	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	1
P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	1
P006-006-13LA	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Left Angle)	1
P006-006-13RA	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Right Angle)	1
P019-004	4-ft. Heavy Duty 14AWG Power Cord, 5-15P - to - C15	1
P019-008	8-ft. Heavy Duty 14AWG Power Cord, 5-15P - to - C15	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.triplite.com/en/products/model.cfm?txtModelID=4386](http://www.triplite.com/en/products/model.cfm?txtModelID=4386).

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