Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

TAA-Compliant SmartPro 120V 1kVA .8kW Line-Interactive Sine Wave UPS, SNMP, Webcard, 2U Rack/Tower, LCD, USB, DB9 Serial

MODEL NUMBER: **SM1000RM2UTAA**







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

Package Includes

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

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 port 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.

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 port 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

OUTPUT	
Output Volt Amp Capacity (VA)	1000
Output kVA Capacity (kVA)	1
Output Watt Capacity (Watts)	800
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%
Output Receptacles	(6) 5-15R
Load Management Receptacles	Two switchable two-outlet 5-15R load banks
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
INPUT	
Rated input current (Maximum Load)	9.2A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	10A
UPS Input Cord Length (ft.)	10
UPS Input Cord Length (m)	3
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase
BATTERY	

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Full Load Runtime (min.)	5.3 min. (800w)
Half Load Runtime (min.)	15 min. (400w)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 4 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	See Tripp Lite UPS Battery Selector
Battery Access	Front panel battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
Overvoltage Correction	Input voltages between 128 and 147 are reduced by 12%
Undervoltage Correction	Input voltages between 83 and 107 are boosted by 14%
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	3 pushbutton switches control OFF / ON power status, MODE selection and MUTE / ENTER control functions
Alarm Cancel Operation	Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available
Audible Alarm	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	570
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Installation Form Factors Supported with Optional Accessories	2 post rackmount (2POSTRMKITWM); Wallmount (2POSTRMKITWM); Tower (2-9USTAND)
Primary Form Factor	Rackmount
UPS Power Module Dimensions (hwd, in.)	3.5 x 17.5 x 12.5
UPS Power Module Dimensions (hwd, cm)	8.9 x 44.4 x 31.75
Rack Height (U Spaces)	2
UPS Power Module Weight (lbs.)	35.4
UPS Power Module Weight (kg)	16.1

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

UPS Shipping Dimensions (hwd / in.)	7.9 x 22.9 x 19.3
UPS Shipping Dimensions (hwd / cm)	20.1 x 58.2 x 49
Shipping Weight (lbs.)	46.4
Shipping Weight (kg)	21.1
Cooling Method	Fan
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)	134
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)	83
High Voltage Transfer to Battery Power (Setpoint)	147
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	Individually controllable load banks

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

CERTIFICATIONS	
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
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

© 2015 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.