

TAA SmartPro 120V 1kVA 800W Line-Interactive Sine Wave UPS, 2U Rack/Tower, Network Card Options, LCD, USB, 6 Outlets

MODEL NUMBER: SM1000RM2UTAA











Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Ideal solution for servers, storage devices and telecom hardware.

Features

Protects Mission-Critical Rack-Mounted Equipment

- Provides fully regulated sine wave AC output for servers, network storage devices and telecom hardware
- Audible alarm signals loss of utility power, overload, low battery and fault conditions
- 6 NEMA 5-15R outlets
- 10-ft. (3.05 m) power cord with 120V NEMA 5-15P input
- 570-joule surge suppression rating

Reliable Battery Backup

- Supports half load up to 15 min. and full load up to 5.3 min.
- · Internal batteries designed for hot-swap field replacement
- 95% line-power efficiency rating saves money in energy costs

Switchable Outlets

• 2 load banks, each with 2 outlets controllable remotely to reboot equipment or shed nonessential loads

Automatic Voltage Regulation (AVR)

Maintains 120V nominal output over input range of 83V-147V without using battery power

EMI/RFI Line Noise Filtering

 Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

Interactive LCD Screen

 Front-panel LCD monitors operating mode, load level, power factor, voltage, battery charge and estimated runtimes

Highlights

- Corrects under- and overvoltages from 83V to 147V
- 6 NEMA 5-15R outlets—4 switchable via network interface
- Network power management and control capability
- Interactive LCD monitoring screen
- 15 min. runtime at half load; 5.3 min. at full load
- To use the Auto Probe feature, this product requires a WEBCARDLX network interface (sold separately) running LX firmware update 15.5.2 or later

Package Includes

- SM1000RM2UTAA SmartPro 120V 1kVA 800W Line-Interactive Sine Wave UPS
- USB cable
- DB9 cable
- EPO cable
- Mounting hardware
- Owner's manual



Rotates for easy viewing in rack-mount or tower configurations

Optional Network Management Cards

• Compatible with Tripp Lite UPS management cards, including WEBCARDLX and SNMPWEBCARD

Communications Ports

- USB and DB9 ports combine with included PowerAlert software to monitor operating conditions, monitor AC power, and enable safe unattended system shutdown and file saves in case of a prolonged power failure
- EPO port supports emergency shutdown in large facilities

Versatile Installation Options

- Hardware included for 4-post mounting in 2U of EIA-standard 19 in. rack
- Mounts on wall or 2-post rack with optional 2POSTRMKITWM accessory
- Mounts in upright tower position with optional 2-9USTAND accessory

TAA Compliant

• Complies with Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW		
UPC Code	037332152718	
UPS Type	Line-Interactive	
INPUT		
Input Phase	Single-Phase	
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)	3.1	
Recommended Electrical Service	15A 120V	
ОИТРИТ		
Output Capacity (VA)	1000	
Output Capacity (kVA)	1	
Output Capacity (Watts)	800	
Output Capacity (kW)	0.8	
Power Factor	0.8	
Nominal Voltage Details	120v nominal output in battery mode	



Frequency Compatibility	60 Hz	
Output Voltage Regulation (Line Mode)	-21%, +8%	
Output Voltage Regulation (Battery Mode)	+/- 5%	
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	
Nominal Output Voltage(s) Supported	110V; 115V; 120V	
Output Receptacles	(6) 5-15R	
Individually Controllable Load Banks	Yes	
BATTERY		
Battery Type	Valve Regulated Lead Acid (VRLA)	
Runtime Full Load (min.)	5.3 min. (800W)	
Runtime Half Load (min.)	15 min. (400W)	
Expandable Runtime	No	
DC System Voltage (VDC)	24	
Battery Recharge Rate (Included Batteries)	Less than 4 hours from 10% to 90%	
Battery Access	Front panel battery access door	
Internal UPS Replacement Battery Cartridge	IMPORTANT BATTERY REPLACEMENT INFORMATION > If your SM1000RM2UTAA UPS is equipped with a LCD front-panel screen, order Tripp Lite RBC24V-LCD (quantity 1) replacement battery; If your SM1000RM2UTAA UPS is equipped with LED front-panel indicators, order Tripp Lite RBC92-2U (quantity 1) replacement battery	
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	
Primary Form Factor	Rackmount
Rack Height	2U
Cooling Method	Fan
Included Mounting Accessory Description	Included 4POSTRAILKIT mounting bracket enables installation in 4 post racks from 20.5 to 36 inches (521 to 914mm)
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount
Installation Form Factors Supported with Optional Accessories	2 post rackmount (2POSTRMKITWM); 2-4 post front rail rackmount (UPSHDEARKIT">UPSHDEARKIT">UPSHDEARKIT">UPSHDEARKIT); 4 post rackmount short-depth (4POSTRAILKITWM); Tower (2-9USTAND 2POSTRMKITWM)
Minimum Required Rack Depth (cm)	40.64
Minimum Required Rack Depth (inches)	16
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
Primary UPS Depth (mm)	318
Primary UPS Height (mm)	88
Primary UPS Width (mm)	441
Shipping Dimensions (hwd / in.)	8.80 x 18.50 x 23.00
Shipping Dimensions (hwd / cm)	22.35 x 46.99 x 58.42
Shipping Weight (lbs.)	44.90
Shipping Weight (kg)	20.37
UPS Housing Material	Steel
UPS Power Module Dimensions (hwd, cm)	8.76 x 44.07 x 31.75



3.45 x 17.35 x 12.5		
16.06		
35.4		
35.4000		
16.06		
ENVIRONMENTAL		
32° to 104°F (0° to 40°C)		
5° to 122°F (-15° to 50°C)		
0 to 95%, non-condensing		
134		
600		
95%		
45 dBA maximum, front side 1m		
COMMUNICATIONS		
WEBCARDLX ; SNMPWEBCARD		
Supports detailed monitoring of UPS and site power conditions		
For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert		
USB and DB9 cabling included		
Supports Watchdog application, OS and hard-reboot restart options for remote applications		
NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite		
Network management card optional		
DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB (HID enabled)		
LINE / BATTERY TRANSFER		
2-4 milliseconds		
83		
147		
FEATURES & SPECIFICATIONS		
Cold-start operation supported		



High Availability UPS Features	Auto Probe Monitoring and Reboot (requires WEBCARDLX); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Surge/noise protection
Grounding Lug	Back panel grounding lug
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; FCC Part 15 Class B (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance



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