

SMC15002URM is not for sale in Colorado, Vermont and Washington state. Customers in these states should purchase the recommended ENERGY STAR® 2.0 model instead: SU1500RTXLCD2U. Learn

more about ENERGY STAR 2.0 and sales restrictions in these states.

SmartPro 120V 1.5kVA 1kW Line-Interactive Sine Wave UPS, 2U Rack/Tower, LCD, USB, DB9, 8 Outlets

MODEL NUMBER: SMC15002URM







Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Pure sine wave output is compatible with active PFC power supplies.

Description

The SMC15002URM SmartPro 120V 1.5kVA 1kW Line-Interactive Sine Wave UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. Ideal for backing up high-performance workstations, servers and network equipment, the SMC15002URM switches to battery mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss. Pure sine wave output is compatible with active power factor correction (PFC) power supplies.

Featuring eight NEMA 5-15R outlets and a 10-ft. (3.05 m) power cord with 120V NEMA 5-15P input, the SMC15002URM has an internal battery that provides 17.7 minutes of support at half load and 6.5 minutes at full load. A front-panel LCD screen lets you configure settings and monitor operating data, such as load level, voltage, battery charge and estimated runtimes.

Automatic voltage regulation (AVR) maintains 120V nominal output over an input range of 83V to 147V without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 570-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite's free downloadable PowerAlert software, SMC15002URM enables safe unattended system shutdown and file saves in case of a prolonged power failure.

Features

Protects Mission-Critical Electronic Equipment

• Provides fully regulated pure sine wave AC output compatible with active PFC power supplies

- Audible alarm signals loss of utility power, overload and low battery
- 8 NEMA 5-15R outlets
- 10-ft. (3.05 m) power cord with 120V NEMA 5-15P input
- 570-joule surge suppression rating

Highlights

- Corrects under- and overvoltages from 83V to 147V
- 8 NEMA 5-15R outlets
- Monitoring of power conditions via POWERALERT12
- Interactive LCD monitoring screen
- 17.7 min. runtime at half load; 6.5 min. at full load

Package Includes

- SMC15002URM SmartPro 120V
 1.5kVA 1kW Line-Interactive
 Sine Wave UPS
- USB cable
- UPSHDEARKIT mounting hardware
- Owner's manual



Reliable Battery Backup

- Supports half load up to 17.7 min. and full load up to 6.5 min.
- Internal batteries designed for hot-swap field replacement
- 94% line-power efficiency rating saves money in energy costs

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 signals operating mode, load level, voltage, battery charge and estimated runtimes
- Supports multiple advanced user setup and operating preferences
- · Rotates for easy viewing in rack-mount or tower configurations

Communications Ports

- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from <u>www.tripplite.com/poweralert</u>
- EPO port supports emergency shutdown in large facilities

Versatile Installation Options

- UPSHDEARKIT 2- and 4-post hardware included for front-vertical-rail mounting in 2U of EIA-standard 19 in. rack
- Mounts on wall with optional 2POSTRMKITWM
- Mounts in upright tower position with optional 2-9USTAND
- · Mounts with extra front-to-rear support in 4-post racks with optional 4POSTRAILKIT

Specifications

OVERVIEW		
UPC Code	037332186249	
UPS Type	Line-Interactive	
INPUT		
Rated input current (Maximum Load)	12A	
Nominal Input Voltage(s) Supported	120V AC	
UPS Input Connection Type	5-15P	
Input Circuit Breakers	15A	
UPS Input Cord Length (ft.)	10	



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

	24
UPS Input Cord Length (m)	3.1
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase
OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Watt Capacity (Watts)	1000
Output kW Capacity (kW)	1.0
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%
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	(8) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Full Load Runtime (min.)	6.5 min. (1000w)
Half Load Runtime (min.)	17.7 min. (500w)
Expandable Runtime	No
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90% (typical, full load discharge)
Battery Access	Front panel battery access door
Internal UPS Replacement Battery Cartridge	RBC93-2U
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 & CON	TROLS
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
Cooling Method	Fan
Included Mounting Accessory Description	Includes UPSHDEARKIT for 2 point front-mount and 2 point center-mount rackmount installation in 2 and 4 post racks, plus wallmount installation; For additional stability in 4 post racks, consider optional 4 post mounting accessories 4POSTRAILKIT and 4POSTRAILKITWM
Installation Form Factors Supported with Included Accessories	2 post 19 inch rackmount; 2 post front mount; 4 post 19 inch rackmount
Installation Form Factors Supported with Optional Accessories	4 post rackmount full-depth (<a class="productLink" href="//www.tripplite.com/4-Post-Rack-Mount-Installation-
Kit-select-Rack-Mount-UPS-Systems-4POSTRAILKIT">4POSTRAILKIT); Tower (2-9USTAND); Wallmount (<a class="productLink" href="//www.tripplite.com/2-Post-
Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-
Systems~2POSTRMKITWM">2POSTRMKITWM)</a
Minimum Required Rack Depth (cm)	41.91
Minimum Required Rack Depth (inches)	16.5
Optional Mounting Accessory Notes	Optional <a class="productLink" href="//www.tripplite.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-
Systems~2-9USTAND">2-9USTAND enables upright tower UPS placement; 4POSTRAILKIT enables installation in 4-post standard depth racks from 20.5 to 36 inches (521 to 914mm); <a class="productLink" href="//www.tripplite.com/4-Post-1U-Universal-
Adjustable-Rack-Mount-Shelf-Kit-for-Wall-Mount-Racks~4POSTRAILKITWM">4POSTRAILKITWM enables installation in 4-post short-depth racks from 14.5 to 23.5 inches (368 to 597mm)</a
Primary UPS Depth (mm)	342
Primary UPS Height (mm)	88
Primary UPS Width (mm)	439
Rack Height	2U
Shipping Dimensions (hwd / cm)	22.10 x 50.80 x 59.44



UPS Power Module Dimensions (hwd, cm) 8.76 x 43.94 x 34.16 UPS Power Module Dimensions (hwd, cm) 3.45 x 17.3 x 13.45 UPS Power Module Weight (kg) 21.09 UPS Power Module Weight (kg) 46.5 ENVIRONMENTAL 46.5 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) 223 Battery Mode BTU / Hr. (Full Load) 650 AC Mode Efficiency Rating (100% Load) 94% Operating Elevation (ht.) 0-3000M (0-10,000 Ft) Audible Noise 45 dBA maximum, front side 1m Operating Elevation (m) 0 - 3000 m COMMUNICATIONS Supports detailed monitoring of UPS and site power conditions PowerAlert Software For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at https://www.tripplite.com/poweralert Communications Cable USB cabling included WatchDog Compatibility Supports Watchdog application, OS and hard-reboot restart options for remote applications	[
Deprom Weight (bs.) 52.80 UPS Housing Material Steel UPS Power Module Dimensions 8.76 x 43.94 x 34.18 UPS Power Module Dimensions 3.45 x 17.3 x 13.45 UPS Power Module Weight (bs.) 21.09 UPS Power Module Weight (bs.) 46.5 ENVIRONMENTAL Operating Temperature Range 452 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius Storage Temperature Range 452 to +104 degrees Fahrenheit / 15 to +50 degrees Celsius 80 Storage Temperature Range 452 to +104 degrees Fahrenheit / 15 to +50 degrees Celsius 80 Rolative Humidity 0 to 95%, non-condensing 60 AC Mode BTU /Hr. (Full Load) 223 80 Battery Mode BTU /Hr. (Full Load) 650 64 Conded Efficiency Rating (100% 94% 640 Operating Elevation (ft.) 0-3000 m 0-3000 m Communications (ft.) 0-3000 m 0-3000 m Communications Cable USB achling included 94 Watch Konitoring Pott Description Supports detailed monitoring of UPS and site power conditions PowerAlett Software For conal monitoring via the UPS	Shipping Dimensions (hwd / in.)	8.70 x 20.00 x 23.40
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Audible Noise 45 dBA maximum, front side 1m Operating Elevation (m) 0 - 3000 m COMMUNICATIONS Supports detailed monitoring of UPS and site power conditions Power Alert Software For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at https://www.tripplite.com/poweralert Communications Cable USB cabling included WatchDog Compatibility Supports Watchdog application, OS and hard-reboot restart options for remote applications Network MPS 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 Network Management Card Network management not supported Description DB9 Serial; EPO (emergency power off); USB (HID enabled) LINE / BATTERY TRANSFER 5 milliseconds (AC to battery), 1 milliseconds (Battery to AC) Low Voltage Transfer to Battery 83 High Voltage Transfer to Battery 147	AC Mode Efficiency Rating (100% Load)	94%
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Description Network management not supported Communications Interface DB9 Serial; EPO (emergency power off); USB (HID enabled) LINE / BATTERY TRANSFER Transfer Time 5 milliseconds (AC to battery), 1 milliseconds (Battery to AC) Low Voltage Transfer to Battery 83 High Voltage Transfer to Battery 147	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
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Power (Setpoint) 03 High Voltage Transfer to Battery 147	Transfer Time	5 milliseconds (AC to battery), 1 milliseconds (Battery to AC)
High Voltage Transfer to Battery Power (Setpoint) 147	Low Voltage Transfer to Battery Power (Setpoint)	83
	High Voltage Transfer to Battery Power (Setpoint)	147



FEATURES & SPECIFICATIONS		
Grounding Lug	Back panel grounding lug	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported	
High Availability UPS Features	Automatic Voltage Regulation (AVR); Hot swappable batteries; Sine wave output; Surge/noise protection	
STANDARDS & COMPLIANCE		
UPS Certifications	Meets FCC Part 15 Category A (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA)	
WARRANTY		
Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: <a <br="" class="insuranceLink">href="//www.tripplite.com/support/product-warranty-registration">Registration is required for 3-year warranty.	
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance	

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