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## Model #: SMART1500RM2UN

**SmartPro 1.5kVA Line Interactive Sine Wave UPS, Pre-installed SNMPWEBCARD, 2U Rack/Tower, LCD, USB, Serial, EPO, 120V**

### Highlights

- 1.5kVA / 1500VA / 1350 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 information and advanced configuration options
- USB, RS232, EPO and PRE-INSTALLED SNMPWEBCARD
- 2 switched output load banks, 13.45 in / 34.2 cm depth
- NEMA 5-15P input; 8 NEMA 5-15R outlets



### Description

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 Pre-installed 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

- SMART1500RM2UN UPS System with Pre-installed SNMPWEBCARD
- PowerAlert software with USB, Serial & EPO cabling
- 4 post rackmount installation kit
- Instruction manual

### Features

- Tripp Lite SMART1500RM2UN line interactive 2U rack/tower UPS with 1500VA / 1.5kVA / 1350W capacity
- Line interactive UPS with Automatic Voltage Regulation (AVR) corrects brownouts and overvoltages from 83 to 147V
- 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 13 minutes at 50% load (675W) and 4.5 minutes at 100% load (1350W)
- 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 pre-installed SNMPWEBCARD accessory
- 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)	1500
Output kVA capacity (kVA)	1.5
Output Watt Capacity (watts)	1350
Output kW capacity	1.35
Output power factor	0.9
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	8 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)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	15A
UPS Input cord length (ft.)	10
UPS Input cord length (m)	3
Recommended Electrical Service	15A 120V
Phase	Single-Phase
<b>BATTERY</b>	

<b>Full load runtime (minutes)</b>	4.5 min. (1350w)
<b>Half load runtime (minutes)</b>	13 min. (675w)
<b>DC system voltage (VDC)</b>	36
<b>Battery recharge rate (included batteries)</b>	Less than 4.5 hours from 10% to 90%
<b>Replacement battery cartridge (internal UPS battery replacement)</b>	<a href="#">RBC93-2U</a>
<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
<b>Installation form factors supported with optional accessories</b>	2 post rackmount (2POSTRMKITWM); Wallmount (2POSTRMKITWM); Tower (2-9USTAND)
<b>Primary form factor</b>	Rackmount

UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	3.5 x 17.5 x 13.45
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	8.9 x 44.4 x 34.2
Rack Height	2U
Secondary form factor	Tower (requires <a href="#">2-9USTAND</a> )
UPS / Power Module weight (lbs)	46.5
UPS / Power Module weight (kg)	21.1
UPS Shipping dimensions (height x width x depth / inches)	8.5 x 23.4 x 19.9
UPS Shipping dimensions (height x width x depth / cm)	21.6 x 59.4 x 50.5
Shipping weight (lbs)	57.6
Shipping weight (kg)	26.2
Cooling method	Fan
UPS housing material	Steel
<b>ENVIRONMENTAL</b>	
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)	267
<b>COMMUNICATIONS</b>	
Communications interface	USB; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface
Network monitoring port description	Includes PRE-INSTALLED SNMPWEBCARD interface card. 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
<b>LINE / BATTERY TRANSFER</b>	
Transfer time	2-4 milliseconds

Low voltage transfer to battery power (setpoint)	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	Greater than 95% efficiency - GREEN UPS; 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)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with <a href="#">registration</a> . Note: <a href="#">registration</a> is required for 3-year 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="#">WEXT5-500-1500</a>	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
<a href="#">ENVIROSENSE</a>	Monitors temperature, humidity and contact-closure inputs. (Requires UPS with SNMPWEBCARD, monitored PDU 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="#">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>	Single-Phase Basic PDU, 15A 120V, 1U Horizontal Rackmount, 13 NEMA 5-15R outlets, NEMA 5-15P input plug	1
<a href="#">PDUNV</a>	Single-Phase Basic PDU, 16A 100-240V, 1U Rackmount, C13 C19 outlets, C20 input and C14, L6-20P, L5-20P, 5-20P and 5-15P adapters	1
<a href="#">PDUMH15</a>	Single-Phase Metered PDU, 15A 120V, 1U Horizontal Rackmount, 13 NEMA 5-15R outlets, NEMA 5-15P input plug	1
<a href="#">PDUMH15AT</a>	Single-Phase Auto Transfer Switch / Metered PDU, 15A 120V, 1U Horizontal Rackmount, 8 NEMA 5-15R outlets, 2 NEMA 5-15P inputs	1
<a href="#">PDUMNH15</a>	Single-Phase Monitored PDU, 15A 120V, 1U Horizontal Rackmount, 8 NEMA 5-15R outlets, NEMA 5-15P input plug	1
<a href="#">PDUMNV15</a>	Single-Phase Monitored PDU, 15A 120V, 0U Vertical Rackmount, 16 NEMA 5-15R outlets, NEMA 5-15P input plug	1

PDUMH15ATNET	Single-Phase Auto Transfer Switch / Switched PDU, 15A 120V, 1U Horizontal Rackmount, 8 NEMA 5-15R outlets, 2 NEMA 5-15P inputs	1
PDUMV15NET	Single-Phase Switched PDU, 15A 120V, 0U Vertical Rackmount, 16 NEMA 5-15R outlets, NEMA 5-15P input plug	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.tripplite.com/en/products/model.cfm?txtModelID=5424](http://www.tripplite.com/en/products/model.cfm?txtModelID=5424).

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