

## SmartPro 120V 750VA 600W Line-Interactive Sine Wave UPS, 1U Rackmount, Pre-installed WEBCARDLX Network Interface, USB, DB9 Serial

MODEL NUMBER: **SMART750RM1UN**



### Description

Tripp Lite SMART750RM1U 750VA / .75kVA / 600 watt line interactive, sine wave UPS system offers complete power protection for critical network applications in a highly efficient 1U total rack/tower configuration. Network management interfaces support communications via USB port, DB9 serial port and pre-installed WEBCARDLX network management interface card. The Java-free HTML5-based WEBCARDLX interface enables full remote access for site power and UPS status monitoring, configuration, control and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP. Line interactive voltage regulation, network-grade surge suppression and long-lasting sine wave AC output during blackouts make this UPS ideal for advanced networking applications in datacenters, computer rooms and network closets.

### Features

- Tripp Lite SMART750RM1U .75kVA / 750VA / 600 watt line interactive UPS
- 1U rack/tower compatible form factor
- Included mounting brackets support 2 and 4 post rackmount installation; Optional 4POSTRAILKIT1U is available for additional support
- NEMA 5-15P input; 6 5-15R output receptacles
- Installed depth of only 16.75 in. / 42.5cm
- Sine wave output in both AC and battery backup modes
- Line Interactive UPS provides Automatic Voltage Regulation / AVR to maintain 120V nominal output during brownouts to 83V and overvoltages to 147V without using battery power

### Highlights

- .75kVA / 750VA / 600W line interactive 1U rackmount UPS, Sine wave output
- 120V output, Corrects brownouts and overvoltages from 83V to 147V
- 0.8 Power Factor, Front panel status LEDs
- Mounting brackets support 2 and 4 post installation
- 98% line-mode efficiency, 2 switched load banks
- USB, RS232, EPO and Pre-installed WEBCARDLX Network Interface
- 120V NEMA 5-15P input, 6 NEMA 5-15R outlets

### Package Includes

- SMART750RM1U with Pre-installed WEBCARDLX network interface
- Mounting hardware
- USB, DB9 and EPO Cabling
- Instruction manual



- Full load efficiency rating of 98% saves energy and ensures cool operating temperatures
- Integrated 2 bank switched PDU enables remote outlet management for load shedding or remote reboot of individual devices
- Network interfaces support communications via built-in USB, DB9 serial / contact-closure and pre-installed WEBCARDLX network management card
- WEBCARDLX interface allows full remote access for power monitoring, configuration, control and email notifications via secure web browser, SNMP, telnet or SSH
- Optional E2 sensors enable site monitoring of temperature, humidity and contact-closure status
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Intelligent battery management system extends battery life
- 3 stage metered LEDs offer current monitoring and battery charge level
- Mains power and voltage regulation LEDs offer at-a-glance power status information
- Front panel switches support self-test and alarm cancel functions
- Field replaceable, hot-swappable internal UPS batteries

## Specifications

OVERVIEW	
UPC Code	037332190734
OUTPUT	
Output Volt Amp Capacity (VA)	750
Output Watt Capacity (Watts)	600
Power Factor	0.8
Nominal Output Voltage(s) Supported	110V; 115V; 120V
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 Receptacles	(6) 5-15R
Load Management Receptacles	Two switchable single-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 (Maximum Load)	7A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	15A
Recommended Electrical Service	15A 120V
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
Input Phase	Single-Phase
<b>BATTERY</b>	
Full Load Runtime (min.)	4.9 min. (600w)
Half Load Runtime (min.)	13.2 min. (300w)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	3.6 hours maximum from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	&nbsp;<a class="productLink" href="//www.tripplite.com/1U-UPS-Replacement-24VDC-Battery-Cartridge-1-Set-4-for-Select-Tripp-Lite-SmartPro-UPS~RBC64-1U">RBC64-1U</a>&nbsp;
Battery Access	Front panel battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No
<b>VOLTAGE REGULATION</b>	
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%
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure, overload and low-battery conditions
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	450
UPS AC Suppression Response Time	Instantaneous



EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Included Mounting Accessory Description	Included mounting brackets support 2 and 4 post rackmount installation; Optional 4POSTRAILKIT1U is available for additional support in 4 post rackmount applications
Primary Form Factor	Rackmount
UPS Power Module Dimensions (hwd, in.)	1.75 x 17.5 x 16.75
UPS Power Module Dimensions (hwd, cm)	4.44 x 44.45 x 42.54
Rack Height (U Spaces)	1
Minimum Required Rack Depth (inches)	19.75
Minimum Required Rack Depth (cm)	50.16
UPS Power Module Weight (lbs.)	30
UPS Power Module Weight (kg)	13.61
Shipping Dimensions (hwd / in.)	5.300 x 21.200 x 22.400
Shipping Dimensions (hwd / cm)	13.46 x 53.85 x 56.90
Shipping Weight (lbs.)	34.3000
Shipping Weight (kg)	15.56
Cooling Method	Fan
UPS Housing Material	Steel
Primary UPS Height (mm)	44
Primary UPS Width (mm)	445
Primary UPS Depth (mm)	425
<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)	38
Battery Mode BTU / Hr. (Full Load)	545
AC Mode Efficiency Rating (100% Load)	98%
<b>COMMUNICATIONS</b>	
Communications Interface	DB9 Serial; EPO (emergency power off); Pre-installed network card; Slot for SNMP/Web interface; USB
Network Monitoring Port Description	Includes pre-installed WEBCARDLX Network Management Card



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PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</a>
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	5 milliseconds AC to DC; 1 millisecond DC to AC
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
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: <a href="http://www.tripplite.com/support/product-warranty-registration">Registration is required</a> for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a href="http://www.tripplite.com/support/insurance-policy">Ultimate Lifetime Insurance</a>

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