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## Model #: SMART1400RM

### SmartPro UPS System - Intelligent, line-interactive battery backup and network power management

#### Highlights

- 8 outlets provide battery backup and surge protection
- Automatic Voltage Regulation (AVR) corrects brownouts and overvoltages without draining battery power
- Two serial ports and free software facilitate unattended shutdown and network-wide power management
- \$50,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico & Canada only)

#### Description

Tripp Lite's SMART1400RM UPS System provides intelligent, line-interactive battery backup for network devices and servers. 1,400 VA of battery backup allows you to work through short blackouts or safely shut down during longer ones. The unit has 8 outlets, diagnostic LEDs and 2 built-in serial ports that work with PowerAlert Software to provide simultaneous automatic unattended shutdown of multiple servers. Tripp Lite's PowerAlert Software is the only UPS software capable of managing every type and brand of UPS on your network, from every manufacturer. \$50,000 [Ultimate Lifetime Insurance](#) (USA & Canada Only). No warranty cards required for coverage!

#### Applications

- Corporate and departmental servers, UNIX servers/workstations, hubs/routers/gateways/bridges, CAD/CAM/CAE workstations, network workstations, small-business servers, personal computers, and more.

#### Package Includes

- SMART1400RM UPS System
- PowerAlert Software and 2 (6 ft.) network cables
- Warranty information
- Instruction manual

#### Features

- 1,400 VA output power rating (940 watts)
- 8 protected outlets; 6 ft. cord
- Rackmount fits standard 19 in. rack (3 rack spaces)
- EXCLUSIVE from Tripp Lite: 2 DB9 serial ports to manage 2 network servers simultaneously; SNMP-compatible
- PowerAlert Unattended Shutdown Software and 2 (6 ft.) network cables included
- EXCLUSIVE from Tripp Lite: PowerAlert Software compatible with every brand of UPS, from every manufacturer
- Line-interactive with 4 levels of automatic voltage regulation (AVR)
- Complete surge protection and EMI/RFI noise filtering
- \$50,000 [Ultimate Lifetime Insurance](#) (USA & Canada Only) -- No warranty cards required for coverage!
- Diagnostic LEDs (indicate 17 performance conditions)
- Hot-swap battery replacement

#### Specifications

OUTPUT	
Frequency compatibility	60 Hz

<b>Output VA</b>	1400
<b>Output watts</b>	940
<b>Output nominal voltage</b>	120 V AC
<b>Output voltage regulation</b>	LINE MODE: Sine wave line voltage 120V (-12% / +5%) BATTERY MODE: PWM sine wave output 120V +/-5%
<b>Output frequency regulation</b>	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
<b>Overload protection</b>	Resettable circuit breaker
<b>Outlet quantity / type</b>	8 NEMA 5-15R
<b>Customized load management receptacles</b>	"1 individually controllable outlet supports automated load shedding and remote reboot on demand of locked network devices. Configurable via PowerAlert software to automatically switch off optional loads, like monitors, to increase available runtime for servers and other critical devices. "
<b>INPUT</b>	
<b>UPS Input cord length (ft.)</b>	6 ft.
<b>Recommended Electrical Service</b>	15A 120V
<b>Input connection type</b>	NEMA 5-15P
<b>Voltage compatibility (VAC)</b>	120
<b>BATTERY</b>	
<b>Battery Access</b>	Battery access door allows hot swap battery replacement without powering connected equipment off
<b>Full load runtime</b>	10 minutes (1400VA)
<b>Half load runtime</b>	26 (700VA)
<b>Typical battery lifespan</b>	3-6 years, depending on usage
<b>Battery recharge rate</b>	2-4 hours to 90%
<b>VOLTAGE REGULATION</b>	
<b>Voltage regulation description</b>	Line interactive UPS offers 2 boost levels of brownout correction and a single level of overvoltage adjustment to maintain usable, computer grade output without consuming battery power.
<b>Overvoltage correction</b>	Input voltages between 127 and 140V AC are reduced by 10%
<b>Brownout correction</b>	Input voltages between 95 and 105V AC are boosted by 12%
<b>Severe brownout correction</b>	Input voltages between 87 and 94V AC are boosted by 22%
<b>Direct pass through</b>	Input voltages between 110 and 127V AC are passed through unchanged
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Alarms</b>	4 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)
<b>Switches</b>	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel
<b>Front panel LEDs</b>	Yes, 5 front-panel indicator LEDs confirm line power, battery power, voltage regulation, load level and battery low / replace status

<b>SURGE / NOISE SUPPRESSION</b>	
<b>UPS AC suppression joule rating</b>	Conforms to IEEE 587 / ANSI C62.41 specifications
<b>EMI / RFI AC noise suppression</b>	Yes
<b>AC suppression response time</b>	Instantaneous
<b>PHYSICAL</b>	
<b>Shipping weight (lbs)</b>	43
<b>Shipping weight (kg)</b>	19.5
<b>Cooling method</b>	Convection
<b>Unit Dimensions (HWD/in)</b>	5.25 x 15.75 x 10.5
<b>Unit Dimensions (HWD/cm)</b>	13.3 x 40 x 26.7
<b>Unit weight (lbs)</b>	43
<b>Unit weight (kg)</b>	19.5
<b>Material of construction</b>	PVC
<b>Form factors supported</b>	3U rackmount
<b>ENVIRONMENTAL</b>	
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>COMMUNICATIONS</b>	
<b>Network monitoring port</b>	Two built-in DB9 communications ports (1 RS232, 1 contact closure) for use with PowerAlert software and cabling
<b>SNMP compatibility</b>	Yes, with <a href="#">SNMPWEBSOLO</a> external adapter accessory
<b>Software and cabling included</b>	Includes PowerAlert Plus software and 2 monitoring cables
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time from line power to battery mode</b>	Battery Door / Hot Swappable
<b>Low voltage transfer to battery power</b>	Maintains output from battery power as line voltage drops to 87V or less
<b>High voltage transfer to battery power</b>	Maintains output from battery power as line voltage increases to 140V or higher
<b>SPECIAL FEATURES</b>	
<b>Appearance</b>	Attractive grey color 3U rackmount housing
<b>CERTIFICATIONS</b>	
<b>Certifications</b>	Tested to UL1778 (USA), cUL (Canada)
<b>WARRANTY</b>	

<b>Product Warranty Period (U.S., Canada &amp; Puerto Rico)</b>	2-year limited warranty
<b>Connected Equipment Insurance (U.S., Canada &amp; Puerto Rico)</b>	\$50,000 Ultimate Lifetime Insurance
<b>Optional Coverage</b>	3-5 year warranties, plus next day and on-site warranty coverage available for select opportunities. Contact Tripp Lite for additional information.

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=38](http://www.tripplite.com/en/products/model.cfm?txtModelID=38).

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