



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

MODEL NUMBER: **SMART1400RM**

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!

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
Output VA	1400
Output watts	940
Output nominal voltage	120 V AC
Output voltage regulation	LINE MODE: Sine wave line voltage 120V (-12% / +5%) BATTERY MODE: PWM sine wave output 120V +/-5%
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Overload protection	Resettable circuit breaker
Outlet quantity / type	8 NEMA 5-15R

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)

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

Customized load management receptacles	"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. "
INPUT	
UPS Input cord length (ft.)	6 ft.
Recommended Electrical Service	15A 120V
Input connection type	NEMA 5-15P
Voltage compatibility (VAC)	120
BATTERY	
Battery Access	Battery access door allows hot swap battery replacement without powering connected equipment off
Full load runtime	10 minutes (1400VA)
Half load runtime	26 (700VA)
Typical battery lifespan	3-6 years, depending on usage
Battery charge	2-4 hours to 90%
VOLTAGE REGULATION	
Voltage regulation description	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.
Overvoltage correction	Input voltages between 127 and 140V AC are reduced by 10%
Brownout correction	Input voltages between 95 and 105V AC are boosted by 12%
Severe brownout correction	Input voltages between 87 and 94V AC are boosted by 22%
Direct pass through	Input voltages between 110 and 127V AC are passed through unchanged
LEDS ALARMS & SWITCHES	
Alarms	4 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)
Switches	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel
Front panel LEDs	Yes, 5 front-panel indicator LEDs confirm line power, battery power, voltage regulation, load level and battery low / replace status
SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	Conforms to IEEE 587 / ANSI C62.41 specifications



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



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

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