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

MODEL NUMBER: **SMART1050RM**

Description

Tripp Lite's SMART1050RM UPS System provides intelligent, line-interactive battery backup for network devices and servers. 1050 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 built-in serial port that works with PowerAlert Software to provide automatic unattended shutdown. 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

- 1,050 VA output power rating (705 watts)
- 8 protected outlets; 6-ft. cord
- Rackmount fits standard 19 in. rack (3 rack spaces)
- DB9 serial port for network interface; SNMP-compatible
- PowerAlert Unattended Shutdown Software and 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

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)

Package Includes

- SMART1050RM UPS System
- PowerAlert Software and 6-ft. network cable
- Warranty information
- Instruction manual

Specifications

OVERVIEW	
UPC Code	037332031877

INPUT	
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Input Connection Type	NEMA 5-15P
Voltage Compatibility (VAC)	120

OUTPUT	
Frequency Compatibility	60 Hz
Output (VA)	1050

Output (Watts)	705
Output Nominal Voltage	120V 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

BATTERY	
Full Load Runtime (min.)	8 minutes (1050VA)
Half Load Runtime (min.)	23 minutes (525VA)
Battery Access	Battery access door allows hot swap battery replacement without powering connected equipment off
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 147V 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%

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Yes, 5 front-panel indicator LEDs confirm line power, battery power, voltage regulation, load level and battery low / replace status
Switches	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel
Audible Alarm	4 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)

SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	Instantaneous

PHYSICAL	
Material of Construction	PVC
Cooling Method	Convection
Form Factors Supported	3U rackmount
Shipping Dimensions (hwd / cm)	34.29 x 20.96 x 50.80
Shipping Dimensions (hwd / in.)	13.50 x 8.25 x 20.00
Shipping Weight (kg)	16.78

Shipping Weight (lbs.)	37.00
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.)	38
Unit Weight (kg)	17.24
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
COMMUNICATIONS	
Network Monitoring Port	Built in DB9 RS232 communications port for use with PowerAlert software and cabling.
SNMP Compatibility	Yes, with SNMPWEBSOLO external adapter accessory
LINE / BATTERY TRANSFER	
Transfer Time (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 147V or higher
STANDARDS & COMPLIANCE	
Certifications	Tested to UL1778 (USA), cUL (Canada)
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