

Tripp Lite
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SmartPro 120V 1.05kVA 705W Line-Interactive UPS, Tower, 120V, USB port

MODEL NUMBER: SMART1050





Description

Tripp Lite's SMART 1050 intelligent, line interactive UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries

offer 23 minutes half load runtime and 8 minutes at full load during power failures. 1050VA/705 watt power handling capability supports a variety of networking, telecom and various other application types, including the support of multiple network workstations. Includes a total of 6 UPS supported outlets. Supports remote monitoring of UPS and site power conditions via built-in USB monitoring port. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and load level. Wall mountable with UPSWM wallmount bracket. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, small-footprint tower housing uses less than 53 square inches of floor or desktop space.

Features

- 1050VA/705 watt power handling capability supports a variety of networking, telecom and various other application types
- · Built-in voltage regulation and battery support prevents equipment damage, data loss and downtime
- Large internal batteries offer 23 minutes half load runtime and 8 minutes at full load during power failures
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 120V nominal output over an input voltage range of 75-147V
- Includes a total of 6 NEMA5-15R outlets
- Includes 1 USB communications port for remote monitoring of UPS status and site power conditions
- · Communications port enables safe unattended shutdown without data loss during extended power failures
- Communications port supports messaging of UPS and line power status, including on-battery, low-battery, power-restored, AC line voltage, DC battery voltage and battery capacity
- Communications port supports timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- Notification of system status via 5 LEDs and multi-function audible alarms

Highlights

- 1.05kVA / 1050VA line interactive tower UPS system
- 120V output, Corrects brownouts and overvoltages from 75V to 147V
- Front panel status LEDs with load and battery capacity level display
- Enhanced USB port,
 Hot-swappable batteries
- NEMA 5-15P input, 6 NEMA 5-15R outlets

Package Includes

- SMART 1050 UPS System
- USB monitoring cable
- PowerAlert unattended shutdown and UPS/Power monitoring software



- Wall mountable with UPSWM wallmount bracket
- Attractive small footprint beige tower housing uses less than 53 square inches
- Hot-swappable/user replaceable batteries allow on-site battery replacement
- Cold start capability enables UPS turn-on in battery mode during blackout conditions

Specifications

OUTPUT		
Output Volt Amp Capacity (VA)	1050	
Output kVA Capacity (kVA)	1	
Output Watt Capacity (Watts)	705	
Power Factor	0.7	
Nominal Output Voltage(s) Supported	120V	
Frequency Compatibility	60 Hz	
Output Voltage Regulation (Line Mode)	-18%, +8%	
Output Voltage Regulation (Battery Mode)	+/- 5%	
Output Receptacles	(6) 5-15R	
Output AC Waveform (AC Mode)	Sine wave	
Output AC Waveform (Battery Mode)	PWM sine wave	
INPUT		
Rated input current (Maximum Load)	6.7A	
Nominal Input Voltage(s) Supported	120V AC	
UPS Input Connection Type	5-15P	
Input Circuit Breakers	12A	
UPS Input Cord Length (ft.)	6	
UPS Input Cord Length (m)	1.8	
Recommended Electrical Service	15A 120V	
Input Cord Length (ft.)	6	
Input Cord Length (m)	1.8	
Input Phase	Single-Phase	
BATTERY		
Full Load Runtime (min.)	8 min. (705w)	
Half Load Runtime (min.)	23 min. (355w)	





Battery Rocharge (NDC) Battery Rocharge Rate (Included Battery Rocharge Rate (Included Batter) RBC52 (quantity 3) Battery Access Access Access Battery Acces			
Internal UPS Replacement Battery Internal UPS Replacement Battery Access Battery Replacement Description Voltage Regulation Voltage Regulation Description Input voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 47 Vorvoltage Correction Input voltages between 128 and 147 are reduced by 12% Severe Undervoltage Correction Input voltages between 33 and 107 are boosted by 149% Severe Undervoltage Correction Input voltages between 75 and 92 are boosted by 30% LEDS ALARMS & SWITCHES LED Indicators Audible Alarm Alarm Cancel Operation Power-fail alarm cain be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery states Switches 2 Switches control offion power status and alarm-cancel/self-test operation SURSE / Noise Suppression Joule Reting AC Suppression Joule Reting AC Suppression Acue Reting AC Suppression Response Instantaneous EMI, REI AC Noise Suppression Instantaneous Physical UPS AC Suppression Response Time Instantaneous Physical UPS Power Madule Dimensions (MM, In) UPS Power Madule Dimensions (MM, In) Primary Form Factor UPS Power Module Weight (Ke) 129 As x 18.4 x 18.4 UPS Power Module Weight (Ke) 132 UPS Power Module Weight (Ke) 132 UPS Power Module Weight (Ke) 132 UPS Power Module Weight (Ke) 135 136 137 UPS Power Module Weight (Ke) 137 UPS Power Module Weight (Ke) 136 UPS Power Module Weight (Ke) 137 UPS Power Module Weight (Ke) 136 UPS Power Module Weight (Ke) 137 UPS Power Module Weight (Ke) 138 UPS Nipping Dimensions (MM of In) 145 UPS Shipping Dimensions (MM of In) 157 UPS Power Module Weight (Ke) 158 UP	DC System Voltage (VDC)	18	
Battery Access		Less than 4 hours from 10% to 90% (typical, full load discharge)	
Battery Replacement Description Hot-swappable, user replaceable batteries VOLTAGE REGULATION Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147 Overvoltage Correction Input voltages between 128 and 147 are reduced by 12% Undervoltage Correction Input voltages between 93 and 107 are boosted by 14% Severe Undervoltage Correction Input voltages between 75 and 92 are boosted by 30% LEDS ALARMS & SWITCHES LED Indicators SLEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status Audible Alarm Audible alarm indicates power-failure and low-battery conditions Alarm Cancel Operation Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status Switches 2 Switches control offon power status and alarm-cancel/self-lest operation BUPS AC Suppression Joule Rating 480 LEM / REJ AC Noise Suppression Power Instantaneous Instantaneous Instantaneous PHYSICAL Installation Form Factors Supported Instantaneous PHYSICAL Installation Form Factors Supported Validinount (UPSWM - tower mounting kit) Wallmount (UPSWM - tower mounting kit) Primary Form Factor Tower UPS Power Module Dimensions (Wwd, in.) 11.8 x 7.2 x 7.2 UPS Power Module Dimensions (18 x 7.2 x 7.2 UPS Power Module Weight (ibs.) 29 UPS Power Module Weight (ibs.) 32 UPS Power Module Weight (ibs.) 15 x 10.8 x 11.2		RBC52 (quantity 3)	
VOLTAGE REGULATION Voltage Regulation Description	Battery Access	Battery access door	
Voltage Regulation Description	Battery Replacement Description	Hot-swappable, user replaceable batteries	
Overvoltage Correction Input voltages between 128 and 147 are reduced by 12% Undervoltage Correction Input voltages between 93 and 107 are boosted by 14% Severe Undervoltage Correction Input voltages between 95 and 107 are boosted by 30% LEDS ALARMS & SWITCHES LED Indicators 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status Audible Alarm Audible alarm indicates power-failure and low-battery conditions Alarm Cancel Operation Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status Switches 2 switches control offion power status and alarm-cancel/self-test operation SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 880 UPS AC Suppression Pesponse Instantaneous Instantaneous EMI / RFI AC Noise Suppression Pesponse Time Instantaneous Instantaneous EMI / RFI AC Noise Suppression Pesponse Time Instantaneous PHYSICAL Installation Form Factors Supported with Optional Accessories Wallmount (UPSWM - tower mounting kit) PHYSICAL UPS Power Module Dimensions (MW / In) 15 x 7.2 x 7.2 UPS Power Module Dimensions 29.8 x 18.4 x 18.4 UPS Power Module Weight (Ibs.) 29 UPS Power Module Weight (Ibs.) 15 x 10.8 x 11.2 UPS Shipping Dimensions (Invd / In) 15 x 10.8 x 11.2	VOLTAGE REGULATION		
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Severe Undervoltage Correction Input voltages between 75 and 92 are boosted by 30% LEDS ALARMS & SWITCHES LED Indicators 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status Audible Alarm Audible alarm indicates power-failure and low-battery conditions Alarm Cancel Operation Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status Switches 2 Switches control off/on power status and alarm-cancel/self-test operation SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 AC Suppression Response Instantaneous EMI/ RFI AC Noise Suppression Yes AC Suppression Joule Rating 480 AC Suppression Response Time Instantaneous PHYSICAL Wallmount (UPSWM - tower mounting kit) Primary Form Factors Tower UPS Power Module Dimensions (myd, in.) 29.8 x 18.4 x 18.4 UPS Power Module Weight (kg.) 13.2 UPS Shipping Dimensions (myd / in.) 15 x 10.8 x 11.2	Overvoltage Correction	Input voltages between 128 and 147 are reduced by 12%	
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	UPS Power Module Weight (kg)	13.2	
JI J	UPS Shipping Dimensions (hwd / in.)	15 x 10.8 x 11.2	



WARRANTY		
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)	
CERTIFICATIONS		
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS	
High Availability UPS Features	Hot swappable batteries	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported	
SPECIAL FEATURES		
High Voltage Transfer to Battery Power (Setpoint)	147	
Low Voltage Transfer to Battery Power (Setpoint)	75	
Transfer Time	2-4 milliseconds	
LINE / BATTERY TRANSFER		
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications	
Communications Cable	USB cable included	
PowerAlert Software	Included	
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions	
Communications Interface	USB	
COMMUNICATIONS		
AC Mode Efficiency Rating (100% Load)	96%	
Battery Mode BTU / Hr. (Full Load)	326.9	
AC Mode BTU / Hr. (Full Load)	99.9	
Relative Humidity	0 to 95%, non-condensing	
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	
ENVIRONMENTAL		
UPS Housing Material	Polycarbonate	
Shipping Weight (kg)	14.1	
Shipping Weight (lbs.)	31	
UPS Shipping Dimensions (hwd / cm)	38.1 x 27.3 x 28.6	



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Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: Registration is required for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance

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