Tripp Lite
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OmniSmart 1050VA Tower Line-Interactive 120V UPS with USB port

MODEL NUMBER: **OMNISMART1050**





Highlights

- 1050VA / 1.05kVA tower 120V line interactive UPS
- Corrects brownouts and overvoltages from 75V to 147V
- USB port, Front panel status LEDs
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

Package Includes

- OMNI SMART 1050 UPS System
- USB cable
- Warranty information
- Instruction manual

Description

Tripp Lite's OMNI SMART 1050 line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Supports a single entry level PC system for up to 60 minutes during power failures to facilitate a safe shutdown without data loss. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 75 volts and overvoltages to 147 volts back to normal 120V levels, all without using battery power. Includes 6 battery supported outlets and 6 foot AC line cord. USB port enables optional safe unattended system shutdown in the case of extended power failure as well as continuous UPS and site power condition monitoring, USB cable included. PowerAlert software available via free download from www.tripplite.com. Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and overload. 1050VA / 705 watt power handling ability supports multiple entry-level PCs, network workstations, point-of-sale terminals, small to medium business phone systems, audio/video workstations and heavily configured home theater systems. Offers 7 minutes battery runtime with a full load of 1050VA and 23 minutes with a half load of 525VA. Supports hot swap battery replacement via built-in access panel. $200,000 connected equipment insurance (U.S., Canada, and Puerto Rico only).

Features

- OMNISMART1050 line interactive UPS system offers voltage regulation and battery support, plus complete AC surge suppression
- Prevents equipment damage, data loss and downtime due to power problems
- Supports a single entry level PC system for up to 60 minutes during power failures to enable a safe system shutdown
- Supports a max load of 1050VA for 7 minutes
- Supports a half load of 525VA for 23 minutes
- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 75 and overvoltages as high as 147 volts to normal 120 volt levels without using battery power
- Upright tower configuration uses only 51 square inches of floor or desktop space
- Includes 6 battery supported outlets, 6 foot AC line cord (all NEMA 5-15)
- USB port enables safe unattended shutdown without data loss during extended power failures, includes USB cable
- USB 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
- PowerAlert UPS monitoring software available via free download from www.tripplite.com

- 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
- Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and overload status
- 1050VA / 705 watt power handling ability supports multiple entry-level PCs, network workstations, point-of-sale terminals, small to medium business phone systems, audio/video equipment stations and heavily configured home theater systems
- Supports hot-swap battery replacement via built-in battery access panel
- Compatible with 120V / 60Hz applications for USA, Canada, Mexico and more
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- $200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1050
Output kVA Capacity (kVA)	1
Output Watt Capacity (Watts)	705
Nominal Output Voltage(s) Supported	115V; 120V
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
UPS Output Receptacles	6 5-15R outlet(s)
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R outlets)
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	15A
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.)	7 min. (705w)
Half Load Runtime (min.)	23 min. (355w)
DC System Voltage (VDC)	18
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC52 (quantity 3)
Battery Access	Battery access door
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	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
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	480
AC Suppression Response Time	Instantaneous
PHYSICAL	
Installation Form Factors Supported with Included Accessories	Tower
Installation Form Factors Supported with Optional Accessories	Wallmount (UPSWM - tower mounting kit)
Primary Form Factor	Tower

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UPS Power Module Dimensions (hwd, in.)	11.5 x 6.8 x 7.2
UPS Power Module Dimensions (hwd, cm)	29.2 x 17.1 x 18.4
UPS Power Module Weight (lbs.)	29
UPS Power Module Weight (kg)	13.2
UPS Shipping Dimensions (hwd / in.)	15.2 x 11 x 10.8
UPS Shipping Dimensions (hwd / cm)	38.7 x 27.9 x 27.3
Shipping Weight (lbs.)	31
Shipping Weight (kg)	14.1
UPS Housing Material	PVC
ENVIRONMENTAL	
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)	153
Battery Mode BTU / Hr. (Full Load)	208.4
AC Mode Efficiency Rating (100% Load)	94%
COMMUNICATIONS	
Communications Interface	USB
PowerAlert Software	Free download from www.tripplite.com
Communications Cable	USB cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
LINE / BATTERY TRANSFER	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147
SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS

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CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance

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