

# OmniSmart 120V 1050VA 705W Line-Interactive UPS, Tower, 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-ft. (1.83 m) 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. 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-ft. (1.83 m) AC line cord (all NEMA 5-15)
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert
- 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, pointof-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**

OVERVIEW			
UPC Code	037332033796		
UPS Type	Line-Interactive		
INPUT			
Input Phase	Single-Phase		
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		
OUTPUT			
Output Capacity (VA)	1050		
Output Capacity (kVA)	1.05		
Output Capacity (Watts)	705		
Nominal Voltage Details	115v nominal output in battery mode		
Frequency Compatibility	60 Hz		
Output Voltage Regulation (Line Mode)	-18%, +8%		



Output Voltage Regulation (Battery Mode)	+/- 5%	
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	
Nominal Output Voltage(s) Supported	110V; 115V; 120V	
Output Receptacles	(6) 5-15R	
Individually Controllable Load Banks	No	
BATTERY		
Runtime Full Load (min.)	7 min. (705w)	
Runtime Half Load (min.)	23 min. (355w)	
Expandable Runtime	No	
DC System Voltage (VDC)	18	
Battery Recharge Rate (Included Batteries)	Less than 8 hours from 10% to 90%	
Battery Access	Battery access door	
Internal UPS Replacement Battery Cartridge	<a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-select-Tripp-Lite-Best-Liebert-Minuteman-other-UPS~RBC52">RBC52</a> (quantity 3)	
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%	
USER INTERFACE, ALERTS & CONTROLS		
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation	
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status	
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status	
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			
Primary Form Factor	Tower		
Installation Form Factors Supported with Included Accessories	Tower		
Installation Form Factors Supported with Optional Accessories	Wallmount ( <a class="productLink" href="//tripplite.eaton.com/Wall-Mount-Bracket-Installation-Accessories-for-UPS-Systems~UPSWM">UPSWM</a> - tower mounting kit)		
Primary UPS Depth (mm)	183		
Primary UPS Height (mm)	292		
Primary UPS Width (mm)	173		
Shipping Dimensions (hwd / in.)	15.60 x 10.60 x 10.50		
Shipping Dimensions (hwd / cm)	39.62 x 26.92 x 26.67		
Shipping Weight (lbs.)	30.50		
Shipping Weight (kg)	13.83		
UPS Housing Material	PVC		
UPS Power Module Dimensions (hwd, cm)	29.21 x 17.27 x 18.29		
UPS Power Module Dimensions (hwd, in.)	11.5 x 6.8 x 7.2		
UPS Power Module Weight (kg)	13.15		
UPS Power Module Weight (lbs.)	29		
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)	74		
AC Mode Efficiency Rating (100% Load)	94%		
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	564		
COMMUNICATIONS			
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert software at https://tripplite.eaton.com/products/power-alert		
Communications Cable	USB cable included		
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications		
Network Management Card Description	Network management not supported		



Communications Interface	USB		
LINE / BATTERY TRANSFER			
Transfer Time	2-4 milliseconds		
Low Voltage Transfer to Battery Power (Setpoint)	75		
High Voltage Transfer to Battery Power (Setpoint)	147		
FEATURES & SPECIFICATIONS			
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported		
High Availability UPS Features	Surge/noise protection		
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS		
APPLICATIONS			
UPS Applications	High-End Desktop/Small Network		
WARRANTY & SUPPORT			
Product Warranty Period (Worldwide)	2-year limited warranty		
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$200,000 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>		



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