

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 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. 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 data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- 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



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- 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) | 1.05 |
| Output Watt Capacity (Watts) | 705 |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| 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% |
| Output Receptacles | (6) 5-15R |
| 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) | 1.83 |
| Input Phase | Single-Phase |



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| 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 |
| Expandable Runtime | No |
| 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 | |
| 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) | 29.21 x 17.27 x 18.29 |
| UPS Power Module Weight (lbs.) | 29 |
| UPS Power Module Weight (kg) | 13.15 |
| UPS Shipping Dimensions (hwd / in.) | 15.2 x 11 x 10.8 |
| UPS Shipping Dimensions (hwd / cm) | 38.61 x 27.94 x 27.43 |
| Shipping Weight (lbs.) | 31 |
| Shipping Weight (kg) | 14.1 |
| UPS Housing Material | PVC |
| Primary UPS Height (mm) | 292 |
| Primary UPS Width (mm) | 173 |
| Primary UPS Depth (mm) | 183 |
| Shipping Height (mm) | 386 |
| Shipping Width (mm) | 279 |
| Shipping Depth (mm) | 274 |
| 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 |
| Battery Mode BTU / Hr. (Full Load) | 564 |
| AC Mode Efficiency Rating (100% Load) | 94% |
| COMMUNICATIONS | |
| Communications Interface | USB |
| PowerAlert Software | For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| 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 |



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|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| CERTIFICATIONS | |
| UPS Certifications | Meets FCC Part 15 Category B (EMI); ROHS (Restriction of Hazardous Substances); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| 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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