

OmniSmart 120V 1400VA 940W Line-Interactive UPS, Tower, USB port

MODEL NUMBER: **OMNISMART1400**



Highlights

- 1400VA / 1.4kVA 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 1400 UPS System
- USB cable
- Warranty information
- Instruction manual

Description

Tripp Lite's OMNISMART1400 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 75 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. 1400VA/940 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 8 minutes battery runtime with a full load of 1400VA and 24 minutes with a half load of 700VA. Supports hot swap battery replacement via built-in access panel. \$200,000 Ultimate Lifetime Insurance (USA and Canada Only).

Features

- OMNISMART1400 line interactive UPS system offers voltage regulation and battery support, plus complete AC and dialup/DSL modem line surge suppression
- Prevents equipment damage, data loss and downtime due to power problems
- Supports a single entry level PC system for up to 75 minutes during power failures to enable a safe system shutdown
- Supports a max load of 1400VA for 8 minutes
- Supports a half load of 700VA for 24 minutes
- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 75 and overvoltages as high as 147 volts back to normal 120 volt levels without using battery power
- Upright tower configuration uses only 66 square inches of floor or desktop space
- Includes 6 battery supported outlets, 6-ft. (1.83 m) AC line cord (all NEMA 5-15)



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- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from triplite.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
- 1400VA/940 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 (USA and Canada Only)

Specifications

| OVERVIEW | |
|--|-------------------------------------|
| UPC Code | 037332033390 |
| UPS Type | Line-Interactive |
| INPUT | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 9.2A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| OUTPUT | |
| Output Capacity (VA) | 1400 |
| Output Capacity (kVA) | 1.4 |
| Output Capacity (Watts) | 940 |
| 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 |



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|--|--|
| 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.) | 8 min. (940w) |
| Runtime Half Load (min.) | 24 min. (470w) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 36 |
| Battery Recharge Rate (Included Batteries) | Less than 8 hours from 10% to 90% |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | RBC53 |
| 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 (UPSWM - tower mounting kit) |
| Primary UPS Depth (mm) | 234 |
| Primary UPS Height (mm) | 325 |
| Primary UPS Width (mm) | 191 |
| Shipping Dimensions (hwd / in.) | 17.10 x 11.20 x 12.90 |
| Shipping Dimensions (hwd / cm) | 43.43 x 28.45 x 32.77 |
| Shipping Weight (lbs.) | 38.00 |
| Shipping Weight (kg) | 17.24 |
| UPS Housing Material | PVC |
| UPS Power Module Dimensions (hwd, cm) | 32.51 x 19.05 x 23.37 |
| UPS Power Module Dimensions (hwd, in.) | 12.8 x 7.5 x 9.2 |
| UPS Power Module Weight (kg) | 16.51 |
| UPS Power Module Weight (lbs.) | 36.4 |
| 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) | 134 |
| AC Mode Efficiency Rating (100% Load) | 94% |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 437 |
| 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 |
| 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 |



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| FEATURES & SPECIFICATIONS | |
|---|--|
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| 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 & Ultimate Lifetime Insurance |

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