

## OmniSmart 120V 500VA 300W Line-Interactive UPS, Tower, USB port

MODEL NUMBER: **OMNISMART500**



### Highlights

- 500VA tower 120V line-interactive UPS
- Corrects brownouts and overvoltages from 75V to 147V
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL protection, Front panel status LEDs
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

### Package Includes

- OMNI SMART 500 UPS System
- USB and RJ11 Phone Cable
- Instruction manual with warranty information

### Features

- OMNISMART500 line interactive UPS system offers voltage regulation and battery support, plus complete AC and dialup/DSL line surge suppression
- Supports entry-level PC systems for up to 30 minutes during power failures to enable a safe system shutdown
- Supports a maximum load of 500VA/300 watts for 4 minutes and a half load of 250VA/150 watts for 14.6 minutes
- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 75 volts and overvoltages as high as 147 back to normal 120 volt levels without using battery power
- Attractive black tower configuration
- Includes 3 battery supported outlets, plus 3 additional surge suppression-only outlets, 6-ft. (1.83 m) AC line cord (all NEMA 5-15)
- USB port enables data-saving unattended shutdown when used with PowerAlert software, available via FREE download from [tripplite.eaton.com/products/power-alert](http://tripplite.eaton.com/products/power-alert)
- HID-compliant USB port also enables integration with built-in power management and auto shutdown features of Windows and macOS
- Supports WatchDog Service Monitoring/Rebooting Software (part# WATCHDOGSW)
- Dataline suppression jacks protect a single dialup phone/DSL line
- Audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 500VA/300 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports battery replacement via built-in access panel
- Compatible with 120V/60 Hz applications for USA, Canada, Mexico and more
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Short circuit protection during AC and battery modes

## Specifications



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| OVERVIEW  |                                     |
|---|-------------------------------------|
| UPC Code  | 037332034137                        |
| UPS Type  | Line-Interactive                    |
| INPUT   |                                     |
| Input Phase                                     | Single-Phase                        |
| Rated input current (Maximum Load)              | 12A                                 |
| Nominal Input Voltage(s) Supported              | 120V AC                             |
| UPS Input Connection Type                       | 5-15P; Right-Angled                 |
| UPS Input Cord Length (ft.)                     | 6                                   |
| UPS Input Cord Length (m)                       | 1.8                                 |
| Recommended Electrical Service                  | 15A 120V                            |
| OUTPUT  |                                     |
| Output Capacity (VA)                            | 500                                 |
| Output Capacity (kVA)                           | 0.5                                 |
| Output Capacity (Watts)                         | 300                                 |
| Output Capacity (kW)                            | 0.3                                 |
| 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%                              |
| UPS Output Receptacles (Surge Suppression Only) | 3 UPS outlets, 3 surge-only outlets |
| 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   |                                     |
| Battery Type                                    | Valve Regulated Lead Acid (VRLA)    |
| Runtime Full Load (min.)                        | 4 min. (300W)                       |
| Runtime Half Load (min.)                        | 14.6 min. (150W)                    |

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| Expandable Runtime  | No   |
| DC System Voltage (VDC)                                       | 12   |
| Battery Recharge Rate (Included Batteries)                    | Less than 3.6 hours from 10% to 90%  |
| Battery Access  | Battery access door  |
| Internal UPS Replacement Battery Cartridge                    | &nbsp;<a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-Tripp-Lite-APC-Belkin-Best-Powerware-Liebert-other-UPS~RBC51">RBC51</a>&nbsp;     |
| Battery Replacement Description                               | Hot-swappable, user replaceable batteries  |
| <b>VOLTAGE REGULATION</b>                                     |  |
| 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%  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>                  |  |
| 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  | 4 LEDs indicate line power, battery power, overload and battery low/replace status   |
| <b>SURGE / NOISE SUPPRESSION</b>                              |  |
| UPS AC Suppression Joule Rating                               | 480  |
| UPS AC Suppression Response Time                              | Instantaneous  |
| UPS Dataline Suppression                                      | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet   |
| EMI / RFI AC Noise Suppression                                | Yes  |
| AC Suppression Joule Rating                                   | 480  |
| AC Suppression Response Time                                  | Instantaneous  |
| Dataline Suppression  | 1 line TEL / DSL or 10Base T Ethernet protection   |
| <b>PHYSICAL</b>   |  |
| Primary Form Factor   | Tower  |
| Installation Form Factors Supported with Included Accessories | Tower  |
| Installation Form Factors Supported with Optional Accessories | Wallmount (&nbsp;<a class="productLink" href="//tripplite.eaton.com/Wall-Mount-Bracket-Installation-Accessories-for-UPS-Systems~UPSWM">UPSWM</a>&nbsp; - tower mounting kit) |
| Primary UPS Depth (mm)  | 178  |
| Primary UPS Height (mm)                                       | 216  |
| Primary UPS Width (mm)  | 127  |



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| Shipping Dimensions (hwd / in.)                   | 9.20 x 7.80 x 12.20   |
| Shipping Dimensions (hwd / cm)                    | 23.37 x 19.81 x 30.99   |
| Shipping Weight (lbs.)                            | 14.10   |
| Shipping Weight (kg)                              | 6.40  |
| UPS Housing Material                              | PVC   |
| UPS Power Module Dimensions (hwd, cm)             | 21.59 x 12.70 x 17.78   |
| UPS Power Module Dimensions (hwd, in.)            | 8.5 x 5 x 7   |
| UPS Power Module Weight (kg)                      | 5.44  |
| UPS Power Module Weight (lbs.)                    | 12  |
| Unit Dimensions (hwd / in.)                       | 8.500 x 5.000 x 7.000   |
| Unit Weight (lbs.)                                | 12.0000   |
| Unit Weight (kg)                                  | 5.44  |
| <b>ENVIRONMENTAL</b>                              |   |
| Operating Temperature Range                       | 32° to 104°F (0° to 40°C)   |
| Storage Temperature Range                         | 5° to 122°F (-15° to 50°C)  |
| Relative Humidity                                 | 0 to 95%, non-condensing  |
| AC Mode BTU / Hr. (Full Load)                     | 53  |
| AC Mode Efficiency Rating (100% Load)             | 95%   |
| <b>COMMUNICATIONS</b>                             |   |
| PowerAlert Software                               | For local monitoring via the UPS's built-in USB port, download PowerAlert software at <a href="https://tripplite.eaton.com/products/power-alert">https://tripplite.eaton.com/products/power-alert</a>                                 |
| Communications Cable                              | USB cable included  |
| WatchDog Compatibility                            | Supports Watchdog application, OS and hard-reboot restart options for remote applications   |
| Network UPS Tools (NUT) Compatibility             | NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at <a href="https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite">https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite</a> |
| Network Management Card Description               | Network management not supported  |
| Communications Interface                          | USB (HID enabled)   |
| <b>LINE / BATTERY TRANSFER</b>                    |   |
| Transfer Time                                     | 2-4 milliseconds  |
| Low Voltage Transfer to Battery Power (Setpoint)  | 75  |
| High Voltage Transfer to Battery Power (Setpoint) | 147   |
| <b>FEATURES &amp; SPECIFICATIONS</b>              |   |



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| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported   |
| High Availability UPS Features                              | Hot swappable batteries; Surge/noise protection  |
| Green Energy-Saving Features                                | Greater than 95% efficiency - GREEN UPS  |
| <b>APPLICATIONS</b>   |  |
| UPS Applications  | Home/Office Desktop; Retail/Point of Sale; Hospitality   |
| <b>STANDARDS &amp; COMPLIANCE</b>                           |  |
| Product Certifications                                      | CSA (Canada); NOM (Mexico); UL 1778  |
| Product Compliance  | RoHS; FCC Part 15 Class B (USA)  |
| <b>WARRANTY &amp; SUPPORT</b>                               |  |
| Product Warranty Period (Worldwide)                         | 2-year limited warranty  |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico)  | \$200,000 & <a href="https://tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a> |

1000 Eaton Boulevard  
 Cleveland, OH 44122  
 United States  
<https://tripplite.eaton.com>

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