



500VA 360W Line-Interactive UPS with 6 Outlets - AVR, 120V, 50/60 Hz, LCD, USB, Tower

MODEL NUMBER: OMNISMART500TU



Line-interactive UPS provides basic battery backup with automatic voltage regulation for your office computer or home theater setup.

Features

500VA/360W/120V Battery Backup for PCs, Home Theater or Digital SignageThis 120V UPS with AVR protection provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The six-outlet 120V battery backup is ideal protection for your home office, media center or commerce components, including computers, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, security systems and digital signage equipment.

Allows Time to Back Up Critical Files During a BlackoutBackup support allows you to work through short power failures, and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the line-interactive UPS system should keep an energy-efficient desktop computer with small LCD monitor powered as long as 45 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

Connects Your Equipment to 6 NEMA 5-15R OutletsFour 5-15R outlets provide both battery backup and surge protection for your computer, monitor and other crucial components. The other two 5-15R outlets are surge-protected only for printers, scanners and other non-essential equipment. A high >95% line mode efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage ConditionsAVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. The OMNISMART500TU can correct brownouts as low as 89V and overvoltages as high as 145V back to nominal 120V power without drawing on the battery backup needed to support your equipment during a blackout.

316 Joules Fight Back Against Unexpected Power SurgesA 316-joule surge suppression rating protects connected components from the harmful effects of power surges.

Combats Electromagnetic Interference That Can Harm EquipmentVarious electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The OMNISMART500TU incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

Easy-to-Read LCD Touchscreen Reports Real-Time UPS and Power StatusThe LCD touchscreen offers five screens of UPS and site power information when the OMNISMART500TU is operating in either on-line or battery power mode. It displays vital voltage, load and battery status data, as well as critical fault status. An audible alarm will sound in case of low battery, excessive load and fault condition.

HID-Compliant USB Port Allows for Automatic Saves and ShutdownsThis port connects the

Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- AVR battery backup allows time to save files and safely shut down during blackouts
- 6 NEMA 5-15R outlets provide power to PC, home theater or digital signage equipment
- Easy-to-read LCD touchscreen provides valuable voltage, load and battery data
- High >95% efficiency with low BTU ratings saves power and lowers your energy costs

Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down PCs, DVRs, routers and other equipment without data loss during long-term power outages

Package Includes

- OMNISMART500TU 500VA 360W Line-Interactive UPS with 6 Outlets
- USB cable
- Owner's manual



OMNISMART500TU to a computer running Tripp Lite's free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. USB cable is included. The UPS works with Windows, Mac and Linux operating systems.

Includes Power Protection for your Phone and Network LinesDual RJ45 jacks protect equipment against surges over a single telephone or network line. Note: not compatible with PoE (Power over Ethernet) applications.

Tower Form Factor for Easy Placement in Your Workspace or Media CenterThe long-lasting ABS housing fits easily on a desktop, shelf or anywhere else convenient to your workstation or home theater. The five-foot power cord with NEMA 5-15P plug connects to a properly grounded AC wall outlet.

Specifications

| OVERVIEW | |
|-------------------------------------------------|-------------------------------------|
| UPC Code | 037332221544 |
| UPS Type | Line-Interactive |
| INPUT | |
| Rated input current (Maximum Load) | 6A |
| Nominal Input Voltage(s) Supported | 110V AC; 115V AC; 120V AC |
| UPS Input Connection Type | 5-15P |
| Input Circuit Breakers | 7A |
| UPS Input Cord Length (ft.) | 5 |
| UPS Input Cord Length (m) | 1.5 |
| Recommended Electrical Service | 15A 120V |
| Input Phase | Single-Phase |
| OUTPUT | |
| Output Volt Amp Capacity (VA) | 500 |
| Output Watt Capacity (Watts) | 360 |
| Power Factor | 0.72 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | -12%, +9% |
| Output Voltage Regulation (Battery Mode) | ±5% |
| UPS Output Receptacles (Surge Suppression Only) | 4 UPS outlets, 2 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 | |
| Full Load Runtime (min.) | 3.0 minutes (360w) |
| Half Load Runtime (min.) | 10 minutes (180w) |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | 8 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | UPS-Replacement-Battery-Cartridge-Tripp-Lite-APC-Belkin-Best-Powerware-Liebert-other-UPS~RBC51 |
| Battery Access | Includes bottom panel battery access door |
| Battery Replacement Description | Replaceable internal battery (see manual) |
| Expandable Runtime | No |
| Lithium Batteries | No |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 89 to 145 |
| Overvoltage Correction | Input voltages between 129 and 145 are reduced by 15% |
| Undervoltage Correction | Input voltages between 89 and 108 are boosted by 14% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | LCD touchscreen reports input and output voltage, load percentage and battery charge level; Also reports overload and critical fault code screens (see manual) |
| Switches | Power switch enables UPS on / off control |
| Audible Alarm | Alarm reports low-battery, fault, overload and replace battery conditions; Alarm remains silent during battery mode operation until low-battery status occurs |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 316 |
| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL or Ethernet |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |



| | |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary Form Factor | Tower |
| Primary UPS Depth (mm) | 345 |
| Primary UPS Height (mm) | 160 |
| Primary UPS Width (mm) | 122 |
| Shipping Dimensions (hwd / in.) | 9.80 x 7.20 x 16.30 |
| Shipping Weight (kg) | 6.99 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, in.) | 6.3 x 4.8 x 13.6 |
| UPS Power Module Weight (kg) | 6.49 |
| UPS Power Module Weight (lbs.) | 14.3 |
| ENVIRONMENTAL | |
| Operating Temperature Range | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| Storage Temperature Range | +5 to +113 degrees Fahrenheit / -15 to +45 degrees Celsius |
| Relative Humidity | Up to 90%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 43 |
| AC Mode Efficiency Rating (100% Load) | >95% |
| COMMUNICATIONS | |
| PowerAlert Software | For local monitoring via the UPS's built-in USB communications port, download PowerAlert Local software at http://poweralert |
| Communications Cable | USB cable included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network UPS Tools Compatibility | |
| Communications Interface | USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 6 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 89 |
| High Voltage Transfer to Battery Power (Setpoint) | 145 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |



| | |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Surge/noise protection |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| STANDARDS & COMPLIANCE | |
| UPS Certifications | Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| Certification Details | UL1778: 2014 5th EDITION; CAN/CSA-C22.2 NO. 107.3:2014 3rd EDITION |
| WARRANTY | |
| Product Warranty Period (U.S. & Canada) | 3-year limited warranty |
| Product Warranty Period (Latin America) | 3-year limited warranty |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 3-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$100,000 Ultimate Lifetime Insurance |

© 2020 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://products/product-certification-agencies>