

OmniSmart 120V 300VA 180W Line-Interactive UPS, Tower, USB port

MODEL NUMBER: **OMNISMART300PNP**



Highlights

- 300VA tower 120V line interactive UPS
- Corrects brownouts and overvoltages from 75V to 147V
- USB port, TEL/DSL protection, Front panel status LEDs
- NEMA 5-15P input plug and 3 NEMA 5-15R outlets

Package Includes

- OMNISMART300PNP UPS System
- USB communication cable
- Instruction manual with warranty information

Description

Tripp Lite's OMNISMART300PNP line-interactive UPS system offers voltage regulation, surge suppression and long-lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Large internal battery supports entry level PC systems for up to 30 min. during power failures so that connected equipment can be shutdown without data loss. Automatic voltage regulation (AVR) circuits regulate brownouts as low as 75V and overvoltages as high as 147V to normal 120V levels without consuming battery power. Offers complete desktop power protection in an attractive black upright tower configuration. Includes 3 battery-supported outlets with full AC surge suppression. HID-compliant USB port enables optional unattended system shutdown without data loss in case of extended power failure; USB cable included. HID-compliant USB port also enables direct integration with built-in power management and auto-shutdown features of Windows and Mac OS X. PowerAlert Software available via free download. Built-in dataline protection jacks offer protection on a single dialup tel/DSL line. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage regulator operation. 300VA/180W power-handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Offers 10.8 min. battery runtime with a full load of 300VA/180W and 29.8 min. with a half load of 150VA/90W. Supports battery replacement via built-in access panel. \$200,000 connected equipment insurance (USA and Canada Only).

Features

- OMNISMART300PNP line-interactive UPS system offers automatic voltage regulation and battery support, plus complete AC and tel/DSL line surge suppression
- Supports entry-level PC systems for up to 30 min. during power failures to enable a safe system shutdown
- Supports a full load of 300VA/180W for 10.8 min. and a half load of 150VA/90W for 29.8 min.
- Automatic voltage regulation (AVR) circuits correct brownouts as low as 75V and overvoltages as high as 147V back to normal 120V levels without consuming battery power
- Attractive black tower configuration
- Includes 3 battery-supported AC outlets
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- HID-compliant USB port also enables direct integration with built-in power management and auto-shutdown features of Windows and MAC OS X
- Supports Tripp Lite's WatchDog Service Monitoring/Rebooting Software (part # [WATCHDOGSW](#))



- Built-in dataline suppression jacks protect a single dialup tel/DSL line
- Built-in audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 350VA/180W 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/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 connected equipment insurance (USA and Canada Only)

Specifications

| OUTPUT | |
|--|-------------------------------------|
| Output Volt Amp Capacity (VA) | 300 |
| Output Watt Capacity (Watts) | 180 |
| 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 | (3) 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) | 2.1A |
| 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 |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |
| Input Phase | Single-Phase |
| BATTERY | |



| | |
|---|---|
| Full Load Runtime (min.) | 10.8 min. (180w) |
| Half Load Runtime (min.) | 29.8 min. (90w) |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 3.6 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | RBC51 |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| 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 | 4 LEDs indicate line power, battery power, overload and battery low/replace status |
| SURGE / NOISE SUPPRESSION | |
| 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 |
| PHYSICAL | |
| Installation Form Factors Supported with Included Accessories | Tower |
| Installation Form Factors Supported with Optional Accessories | Wallmount(UPSWM - tower mounting kit) |



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|--|---|
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 8.5 x 5.2 x 7 |
| UPS Power Module Dimensions (hwd, cm) | 21.59 x 13.21 x 17.78 |
| UPS Power Module Weight (lbs.) | 14 |
| UPS Power Module Weight (kg) | 6.35 |
| UPS Shipping Dimensions (hwd / in.) | 12 x 10 x 8.2 |
| UPS Shipping Dimensions (hwd / cm) | 30.48 x 25.40 x 20.83 |
| Shipping Weight (lbs.) | 15.4 |
| Shipping Weight (kg) | 7 |
| UPS Housing Material | PVC |
| Primary UPS Height (mm) | 216 |
| Primary UPS Width (mm) | 132 |
| Primary UPS Depth (mm) | 178 |
| Shipping Height (mm) | 305 |
| Shipping Width (mm) | 254 |
| Shipping Depth (mm) | 208 |
| 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) | 53 |
| Battery Mode BTU / Hr. (Full Load) | 117 |
| AC Mode Efficiency Rating (100% Load) | 86% |
| COMMUNICATIONS | |
| Communications Interface | USB (HID enabled) |
| 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 |
| Network UPS Tools Compatibility | NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite |
| LINE / BATTERY TRANSFER | |



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|---|--|
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 75 |
| High Voltage Transfer to Battery Power (Setpoint) | 147 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| CERTIFICATIONS | |
| UPS Certifications | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI) |
| 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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