

OmniSmart Line Interactive UPS System - NAFTA assembled version of OMNISMART300PNP

MODEL NUMBER: **OMNI300NAFTA**



Highlights

- 300VA line interactive tower UPS
- Maintains 120V nominal output over an input range of 75 to 147V
- Workstation optimized features include USB port and single line TEL / DSL line surge suppression
- Input: NEMA 5-15P (120V 15A) / Output: 3 NEMA 5-15R (120V)
- \$200,000 Ultimate Lifetime Insurance (USA, Puerto Rico and Canada only)

Package Includes

- OMNI300NAFTA UPS System
- USB and telephone interconnection cables
- Instruction manual with warranty information

Description

Tripp Lite's OMNI300NAFTA line-interactive UPS system offers voltage regulation, surge suppression and long-lasting battery support for personal computers, internet working 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 from www.tripplite.eaton.com. 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 10.5 min. battery runtime with a full load of 300VA/180W and 27 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

- OMNI300NAFTA 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 10.5 min. and a half load of 150VA/90W for 27 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
- Built-in HID-compliant USB port and PowerAlert UPS power management software (available via free download at tripplite.eaton.com) and cabling provide monitoring of in-depth site power conditions, full UPS status and fault warnings, and output load level
- 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
- \$200,000 connected equipment insurance (USA and Canada Only)

Specifications

| OVERVIEW | |
|--|---------------------|
| UPC Code | 037332137647 |
| INPUT | |
| Rated input current (Maximum Load) | 2.1A |
| 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) | 300 |
| Output Capacity (Watts) | 180 |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Line Mode) | -18%, +8% |
| Output Voltage Regulation (Battery Mode) | 115V (+/- 5%) |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 115V; 120V |
| Output Receptacles | (3) 5-15R |
| BATTERY | |
| Runtime Full Load (min.) | 10.5 min. (180w) |
| Runtime Half Load (min.) | 27 min. (90w) |
| DC System Voltage (VDC) | 12 |

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| Battery Recharge Rate (Included Batteries) | Less than 3.6 hours from 10% to 90% |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | RBC51 |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| 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 |
| 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) | 178 |
| Primary UPS Height (mm) | 216 |
| Primary UPS Width (mm) | 132 |
| Shipping Dimensions (hwd / in.) | 12.00 x 8.25 x 10.00 |
| Shipping Dimensions (hwd / cm) | 30.48 x 20.96 x 25.40 |
| Shipping Weight (lbs.) | 15.00 |
| Shipping Weight (kg) | 6.80 |
| UPS Housing Material | PVC |



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|---|--|
| UPS Power Module Dimensions (hwd, cm) | 21.59 x 13.21 x 17.78 |
| UPS Power Module Dimensions (hwd, in.) | 8.5 x 5.2 x 7 |
| UPS Power Module Weight (kg) | 6.35 |
| UPS Power Module Weight (lbs.) | 14 |
| 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) | 99.6 |
| AC Mode Efficiency Rating (100% Load) | 86% |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 143.6 |
| COMMUNICATIONS | |
| PowerAlert Software | Free download from 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 (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 75 |
| High Voltage Transfer to Battery Power (Setpoint) | 147 |
| FEATURES & SPECIFICATIONS | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| 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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