Model #: OMNI300NAFTA

OmniSmart Line Interactive UPS System - NAFTA assembled version of OMNISMART300PNP

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)

Description

Tripp Lite's OMNI300NAFTA 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 from www.tripplite.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).

Package Includes

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

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.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

OUTPUT	
Output Volt Amp Capacity (VA)	300
Output Watt Capacity (watts)	180
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	-18%, +8%
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	3 5-15R outlet(s)
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at 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
BATTERY	
Full load runtime (minutes)	10.5 min. (180w)
Half load runtime (minutes)	27 min. (90w)

DC system voltage (VDC)	12
Battery recharge rate (included batteries)	Less than 3.6 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC51
Battery Access	Battery access door
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%

LEDS ALARMS & SWITCHES

LED Indicators	4 LEDs indicate line power, battery power, overload and battery low/replace status
Alarms	Audible alarm indicates power-failure and low-battery conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation

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

Installation form factors supported with included accessories	Tower
Installation form factors supported with optional accessories	Wallmount (UPSWM - tower mounting kit)
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	8.5 x 5.2 x 7

UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	21.6 x 13.3 x 17.8
UPS / Power Module weight (lbs)	14
UPS / Power Module weight (kg)	6.4
UPS Shipping dimensions (height x width x depth / inches)	12 x 10 x 8.2
UPS Shipping dimensions (height x width x depth / cm)	30.5 x 25.4 x 21
Shipping weight (lbs)	15.4
Shipping weight (kg)	7
UPS housing material	PVC

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
Battery mode BTU / hr. (full load)	143.6

COMMUNICATIONS

Communications interface	USB (HID enabled)
PowerAlert software	Free download from www.tripplite.com
Communications cable	USB cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER

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

CERTIFICATIONS

UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); Meets FCC Part 68 / Industrie Canada (telecommunications); ROHS (Restriction of Hazardous Substances)

WARRANTY

Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Related Model	Description	Qty.
CT120	Instant-Read- AC Outlet Circuit Tester	1
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	1
U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
WEXT3-OMNI	3-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	1
WEXT5-OMNI	5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?variables.txtModelID=3528.