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 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 10.8 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
- 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
- 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	115V; 120V
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	115V (+/- 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)	1.8
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)
Primary Form Factor	Tower

UPS Power Module Dimensions (hwd, in.)	8.5 x 5.2 x 7
UPS Power Module Dimensions (hwd, 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 (hwd / in.)	12 x 10 x 8.2
UPS Shipping Dimensions (hwd / 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
AC Mode Efficiency Rating (100% Load)	86%

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
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

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