

## OmniSmart LCD 120V 900VA 475W Line-Interactive UPS, Tower, LCD display, USB port

MODEL NUMBER: OMNI900LCD



### Highlights

- 900VA tower 120V line interactive UPS with LCD display
- Corrects brownouts as low as 89V without using battery power
- LCD screen reports input voltage, battery charge and UPS status
- USB port, Surge-only outlets, 97% efficiency
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

### Package Includes

- OMNI900LCD UPS System
- Instruction manual

### Description

Tripp Lite's OMNI900LCD Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long lasting battery support for personal computers, home entertainment systems and media centers. Internal UPS circuits support entry level PCs for up to 50 minutes or individual VCR/DVR components for as long as 2.5 hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89 volts back to usable levels without using battery power. 97% line-mode efficiency saves energy and reduces BTU heat output. Offers complete power protection in an attractive black tower configuration. Includes 4 battery-supported and surge-protected outlets, plus 4 additional surge suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in the case of extended power failure. PowerAlert software available via free download. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in audible alarm and large LCD front panel voltage display indicates line power status, battery power status, battery low/replace status and voltage boost operation. The LCD display includes a dimmer switch and can be rotated for easy viewing in any application. 900VA/475 watt power handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3 minutes battery runtime with a full load of 900VA/475 watts and 10 minutes with a half load of 450VA/237 watts. Supports battery replacement via built-in access panel. \$200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

### Features

- LCD Display with dimmer switch indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing whether UPS is in vertical or horizontal position
- OMNI900LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long lasting battery support during blackouts
- Supports entry level PCs up to 50 minutes or single VCR/DVR components for up to 2.5 hours during blackouts
- 97% line-mode efficiency saves energy and reduces BTU heat output
- Regulates brownouts as low as 89 volts back to usable levels without using battery power
- 4 UPS battery-supported and surge-protected outlets, plus 4 additional surge suppression-only 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\(user supplies cable\)](http://www.tripplite.com/poweralert(user%20supplies%20cable))
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- 900VA/475 watt power handling ability supports a variety of sensitive computer, home theater and other equipment



- 3 minutes full load runtime(900VA/475 watts), 10 minutes half load runtime(450VA/237 watts)
- Cabinet adapts to tower format or rackmount shelf format. Rackmount(2U) format requires an optional shelf, available separately
- Supports battery replacement via built-in access panel
- Optional [PDUB15](#) bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- \$200,000 Ultimate Lifetime Insurance(U.S., Canada, and Puerto Rico only)

## Specifications

| OUTPUT                                          |                                     |
|-------------------------------------------------|-------------------------------------|
| Output Volt Amp Capacity (VA)                   | 900                                 |
| Output Watt Capacity (Watts)                    | 475                                 |
| Nominal Output Voltage(s) Supported             | 110V; 115V; 120V                    |
| Nominal Voltage Details                         | 115v nominal output in battery mode |
| Frequency Compatibility                         | 60 Hz                               |
| Output Voltage Regulation (Battery Mode)        | +/- 5%                              |
| Output Receptacles                              | (8) 5-15R                           |
| UPS Output Receptacles (Surge Suppression Only) | 4 UPS outlets, 4 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                       |
| INPUT                                           |                                     |
| Rated input current (Maximum Load)              | 12A                                 |
| 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                            |
| Input Phase                                     | Single-Phase                        |
| BATTERY                                         |                                     |
| Full Load Runtime (min.)                        | 3 min. (475w)                       |
| Half Load Runtime (min.)                        | 10 min. (240w)                      |
| DC System Voltage (VDC)                         | 12                                  |



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

|                                                               |                                                                                                                                                                              |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Recharge Rate (Included Batteries)                    | Less than 16 hours from 10% to 90%                                                                                                                                           |
| Internal UPS Replacement Battery Cartridge                    | <b>RBC51</b>                                                                                                                                                                 |
| Battery Access                                                | Battery access door                                                                                                                                                          |
| Battery Replacement Description                               | Hot-swappable, user replaceable batteries                                                                                                                                    |
| Expandable Runtime                                            | No                                                                                                                                                                           |
| <b>VOLTAGE REGULATION</b>                                     |                                                                                                                                                                              |
| Voltage Regulation Description                                | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89                                                                            |
| Undervoltage Correction                                       | Input voltages between 89 and 104 are boosted by 14%                                                                                                                         |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>                  |                                                                                                                                                                              |
| Front Panel LCD Display                                       | Backlighting LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing |
| Switches                                                      | 2 Switches control off/on power status and alarm-cancel/self-test operation; dimmer switch controls LCD brightness                                                           |
| 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 status; alarm can be disabled using PowerAlert software                                                                |
| LED Indicators                                                | Front panel LCD display                                                                                                                                                      |
| <b>SURGE / NOISE SUPPRESSION</b>                              |                                                                                                                                                                              |
| UPS AC Suppression Joule Rating                               | 870                                                                                                                                                                          |
| UPS AC Suppression Response Time                              | Instantaneous                                                                                                                                                                |
| EMI / RFI AC Noise Suppression                                | Yes                                                                                                                                                                          |
| <b>PHYSICAL</b>                                               |                                                                                                                                                                              |
| Installation Form Factors Supported with Included Accessories | Tower                                                                                                                                                                        |
| Primary Form Factor                                           | Tower                                                                                                                                                                        |
| UPS Power Module Dimensions (hwd, in.)                        | 11.8 x 3.7 x 7.2                                                                                                                                                             |
| UPS Power Module Dimensions (hwd, cm)                         | 30.1 x 9.3 x 18.4                                                                                                                                                            |
| UPS Power Module Weight (lbs.)                                | 15.1                                                                                                                                                                         |
| UPS Power Module Weight (kg)                                  | 6.85                                                                                                                                                                         |
| UPS Shipping Dimensions (hwd / in.)                           | 15.55 x 10.43 x 4.8                                                                                                                                                          |
| UPS Shipping Dimensions (hwd / cm)                            | 39.5 x 26.5 x 12.3                                                                                                                                                           |
| Shipping Weight (lbs.)                                        | 15.85                                                                                                                                                                        |



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

|                                                             |                                                                                                                                                                                                                                           |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shipping Weight (kg)                                        | 7.2                                                                                                                                                                                                                                       |
| UPS Housing Material                                        | ABS                                                                                                                                                                                                                                       |
| Primary UPS Height (mm)                                     | 300                                                                                                                                                                                                                                       |
| Primary UPS Width (mm)                                      | 94                                                                                                                                                                                                                                        |
| Primary UPS Depth (mm)                                      | 183                                                                                                                                                                                                                                       |
| Shipping Height (mm)                                        | 395                                                                                                                                                                                                                                       |
| Shipping Width (mm)                                         | 265                                                                                                                                                                                                                                       |
| Shipping Depth (mm)                                         | 122                                                                                                                                                                                                                                       |
| <b>ENVIRONMENTAL</b>                                        |                                                                                                                                                                                                                                           |
| 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)                               | 61                                                                                                                                                                                                                                        |
| Battery Mode BTU / Hr. (Full Load)                          | 485                                                                                                                                                                                                                                       |
| AC Mode Efficiency Rating (100% Load)                       | 97%                                                                                                                                                                                                                                       |
| <b>COMMUNICATIONS</b>                                       |                                                                                                                                                                                                                                           |
| Communications Interface                                    | USB (HID enabled)                                                                                                                                                                                                                         |
| PowerAlert Software                                         | For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</a>                                                         |
| Communications Cable                                        | User supplies USB cable                                                                                                                                                                                                                   |
| 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 <a href="http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp+Lite">http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite</a> |
| <b>LINE / BATTERY TRANSFER</b>                              |                                                                                                                                                                                                                                           |
| Transfer Time                                               | 4 milliseconds (AC to Battery); 3 milliseconds (Battery to AC)                                                                                                                                                                            |
| Low Voltage Transfer to Battery Power (Setpoint)            | 89                                                                                                                                                                                                                                        |
| High Voltage Transfer to Battery Power (Setpoint)           | 139                                                                                                                                                                                                                                       |
| <b>SPECIAL FEATURES</b>                                     |                                                                                                                                                                                                                                           |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported                                                                                                                                                                                                            |
| Green Energy-Saving Features                                | Greater than 95% efficiency - GREEN UPS                                                                                                                                                                                                   |



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

| CERTIFICATIONS                                             |                                                                                                                                                        |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPS Certifications                                         | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); ROHS (Restriction of Hazardous Substances) |
| 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) | \$200,000 <a href="#">Ultimate Lifetime Insurance</a>                                                                                                  |

© 2016 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: <http://www.tripplite.com/products/product-certification-agencies>