

## 850VA 480W 230V Line-Interactive UPS - 6 C13 Outlets, 2 Australian Outlet Adapters, LCD, USB, Tower

MODEL NUMBER: OMNIVSX850A



Desktop UPS offers complete power protection for small network applications, including home offices, security systems and digital signage.

### Features

#### 850VA/480W/230V Battery Backup for PCs, Home Theaters or Digital Signage

This OMNIVS® line-interactive UPS system with AVR protection provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The 230V battery backup is ideal protection for your home office, media center or commerce components, including computers, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, kiosks, security systems and digital signage equipment.

#### Allows Time to Back Up Critical Files During a Blackout

Backup support allows you to work through short power failures and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the line-interactive UPS system should keep an energy-efficient desktop computer with small LCD monitor powered as long as 46 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

#### 6 IEC 320 C13 Outlets Protect Your Connected Components

All six C13 outlets provide battery backup and voltage regulation for your computer, monitor and other crucial components. Included outlet adapters with 30-centimeter cords convert two C13 outlets to 10A Australia/New Zealand-compatible outlets. A high >95% line mode efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

#### Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions

AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. The OMNIVSX850A can correct brownouts as low as 170V and overvoltages as high as 280V back to nominal 230V power continuously, all while keeping the battery fully charged and ready to take over in case of power failure.

#### 312 Joules Fight Back Against Unexpected Power Surges

A 312-joule surge suppression rating protects connected components from the harmful effects of power surges.

### Highlights

- Protects equipment against blackouts, brownouts, transient surges and line noise
- Keeps AC power running during outages to allow time for file saves and safe shutdown
- Maintains line power operation with input voltage as low as 170V and as high as 280V
- 6 C13 outlets with 2 AUS/NZ adapters power and protect PCs and other equipment
- Easy-to-read LCD touchscreen provides valuable voltage, load and battery data

### Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down desktop PCs and other equipment without data loss during long-term power outages
- Support small business phone systems, point-of-sale (POS) systems, kiosks and ATMs

### Package Includes

- OMNIVSX850A 850VA 480W 230V Line-Interactive UPS with 6 Outlets
- (2) C13 to AUS/NZ outlet adapters, 30 cm
- USB cable
- Power cord with 10A AUS/NZ plug, 1.5 m
- Owner's manual



#### Combats Electromagnetic Interference That Can Harm Equipment

EMI (electromagnetic interference) and RFI (radio frequency interference) line noise is a common cause of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The OMNIVSX850A incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

#### Easy-to-Read LCD Touchscreen Reports Real-Time UPS and Power Status

The LCD touchscreen offers five screens of UPS and site power information when the OMNIVSX850A is operating in either on-line or battery power mode. It displays vital voltage, load and battery data, as well as critical fault status. An audible alarm will sound in case of low battery, excessive load and fault condition.

#### HID-Compliant USB Port Allows for Automatic Saves and Shutdowns

This port connects the OMNIVSX850A to a computer running Tripp Lite's free downloadable PowerAlert® software to enable safe unattended system shutdown in case of a prolonged power failure. USB cable is included. The UPS works with Windows, Mac and Linux operating systems.

#### Tower Form Factor for Easy Placement in Your Workspace or Media Center

The compact ABS housing fits easily on a desktop, shelf or anywhere else convenient to your workstation or home theater. Connect the C14 power inlet to a properly grounded AC wall outlet with a user-supplied power cord with country-specific plug. A detachable 1.5-meter power cord with 10A Australia/New Zealand input plug is included.

## Specifications

| OVERVIEW                                 |                                     |
|--|-------------------------------------|
| UPC Code                                 | 037332255228                        |
| UPS Type                                 | Line-Interactive                    |
| INPUT                                    |                                     |
| Rated input current (Maximum Load)       | 3.7                                 |
| Nominal Input Voltage(s) Supported       | 230V AC                             |
| UPS Input Connection Type                | AUS/NZ 10A; C14 inlet               |
| Input Circuit Breakers                   | 5A fuse                             |
| Input Phase                              | Single-Phase                        |
| OUTPUT                                   |                                     |
| Output Volt Amp Capacity (VA)            | 850                                 |
| Output Watt Capacity (Watts)             | 480                                 |
| Nominal Voltage Details                  | 230V nominal output in battery mode |
| Frequency Compatibility                  | 50 / 60 Hz                          |
| Frequency Compatibility Details          | Automatic frequency selection       |
| Output Voltage Regulation (Battery Mode) | ±10%                                |
| Hot-Swap PDU options                     | PDUBHV10 (2U / 8 C13 outlets)       |



|   |   |
|---|---|
| Output AC Waveform (AC Mode)                                  | Sine wave   |
| Output AC Waveform (Battery Mode)                             | PWM sine wave   |
| Nominal Output Voltage(s) Supported                           | 220V; 230V; 240V  |
| Output Receptacles  | (6) C13   |
| Individually Controllable Load Banks                          | No  |
| <b>BATTERY</b>  |   |
| Half Load Runtime (min.)                                      | 5 minutes (240 watts)   |
| Expandable Runtime  | No  |
| DC System Voltage (VDC)                                       | 12  |
| Battery Recharge Rate (Included Batteries)                    | Less than 8 hours from 10% to 90%   |
| Internal UPS Replacement Battery Cartridge                    | &nbsp;<a class="productLink" href="//www.tripplite.com/UPS-Replacement-Battery-Cartridge-Tripp-Lite-APC-Belkin-Best-Powerware-Liebert-other-UPS~RBC51">RBC51</a>&nbsp;  |
| Battery Replacement Description                               | See manual for battery replacement information  |
| <b>VOLTAGE REGULATION</b>                                     |   |
| Voltage Regulation Description                                | Automatic voltage regulation (AVR) maintains line power operation with a correction range from 170V to 280V   |
| Overvoltage Correction  | Input voltages between 247 and 280 are reduced by 15%   |
| Undervoltage Correction                                       | Input voltages between 170 and 207 are boosted by 18%   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>                  |   |
| Front Panel LCD Display                                       | Touchscreen LCD indicates input voltage, output voltage, output load percentage and battery charge percentage; Supports additional fault reporting (see manual); Touchscreen LCD remains lighted for 20 seconds in line power mode after any user interaction and remains lighted full time in battery mode |
| Switches  | Power switch offers whole UPS off/on power control  |
| Alarm Cancel Operation  | Alarm remains silent in battery power mode until low-battery condition occurs   |
| Audible Alarm   | Audible alarm indicates low-battery condition during battery mode operation   |
| <b>SURGE / NOISE SUPPRESSION</b>                              |   |
| UPS AC Suppression Joule Rating                               | 312   |
| UPS AC Suppression Response Time                              | Instantaneous   |
| EMI / RFI AC Noise Suppression                                | Yes   |
| <b>PHYSICAL</b>   |   |
| Primary Form Factor   | Tower   |
| Installation Form Factors Supported with Included Accessories | Tower   |



|   |  |
|---|--|
| Primary UPS Depth (mm)                                      | 345  |
| Primary UPS Height (mm)                                     | 160  |
| Primary UPS Width (mm)                                      | 122  |
| Shipping Dimensions (hwd / in.)                             | 10.00 x 6.90 x 16.10   |
| Shipping Weight (kg)  | 6.85   |
| UPS Housing Material  | ABS  |
| UPS Power Module Dimensions (hwd, in.)                      | 6.3 x 4.8 x 13.6   |
| UPS Power Module Weight (kg)                                | 5.99   |
| UPS Power Module Weight (lbs.)                              | 13.2   |
| <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   | Up to 90%, non-condensing  |
| AC Mode BTU / Hr. (Full Load)                               | 62   |
| AC Mode Efficiency Rating (100% Load)                       | >95%   |
| Audible Noise   | Less than 40dB front side 1m   |
| <b>COMMUNICATIONS</b>                                       |  |
| Network Monitoring Port Description                         | Supports detailed monitoring of UPS and site power conditions  |
| PowerAlert Software   | For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at <a href="https://www.tripplite.com/poweralert">https://www.tripplite.com/poweralert</a> |
| Communications Cable  | USB cabling included   |
| WatchDog Compatibility                                      | Supports Watchdog application, OS and hard-reboot restart options for remote applications  |
| Network Management Card Description                         | Network management not supported   |
| Communications Interface                                    | USB (HID enabled)  |
| <b>LINE / BATTERY TRANSFER</b>                              |  |
| Transfer Time   | 6 milliseconds   |
| Low Voltage Transfer to Battery Power (Setpoint)            | 170V   |
| High Voltage Transfer to Battery Power (Setpoint)           | 280V   |
| <b>FEATURES &amp; SPECIFICATIONS</b>                        |  |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported   |



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|---|--|
| High Availability UPS Features          | Automatic Voltage Regulation (AVR); Surge/noise protection   |
| Green Energy-Saving Features            | Greater than 95% efficiency - GREEN UPS  |
| <b>STANDARDS &amp; COMPLIANCE</b>       |  |
| UPS Certifications                      | AS/NZS 4417; CE  |
| Certification Details                   | Series Number (s) AG-04F5; Safety Standards (International) IEC62040-1:2017 (2nd Ed); AS/NZS 4417; EMI/EMC Standards EN/IEC62040-2:2018; Category C2; Class A; IEC62040-2:2016 |
| <b>WARRANTY</b>                         |  |
| Product Warranty Period (International) | 2-year limited warranty  |

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