

## 750VA 460W 120V Line-Interactive UPS - 12 NEMA 5-15R Outlets, Double-Boost AVR, USB, Desktop/Wall-Mount

MODEL NUMBER: OMNISMART750MX



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

### Features

#### 750VA/460W/120V Battery Backup for PCs, Home Theaters or Digital Signage

This OmniSmart® 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 120V 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, 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 internal battery should keep a half load (230W) powered as long as 10 minutes and a full load (460W) up to 3.6 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

#### 12 NEMA 5-15R Outlets Protect Your Connected Components

Six 5-15R outlets provide battery backup, surge protection and voltage regulation for your computer, monitor and other crucial components. The other six 5-15R outlets provide surge suppression only for printers, speakers and other desktop equipment regarded as non-essential during a blackout. In addition, RJ45 jacks protect a telephone/DSL dial-up or 10BaseT Ethernet connection.

#### Double-Boost AVR Corrects Low/High-Voltage Conditions for Enhanced Performance

A double-boost, single-cut AVR (Automatic Voltage Regulation) circuit, designed specifically for the LATAM region, protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. Slight under-voltages as low as 93V are boosted by 13%. More severe brownouts as low as 78V are increased by 35%. A voltage cut of 16% reduces UPS output during overvoltage conditions as high as 152V, all while keeping the battery fully charged and ready to take over in case of power failure.

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

A 600-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 blackouts to allow time for file saves and safe shutdown
- Double-boost AVR maintains 120V nominal output during brownouts and overvoltages
- 12 NEMA 5-15R outlets power and protect PC, home theater or digital signage equipment
- High >98.3% efficiency and low BTU ratings save electricity and lower your energy costs

### 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
- Extend runtime for DVRs, wireless routers and other low-power home network equipment

### Package Includes

- OMNISMART750MX 750VA 460W 120V Line-Interactive UPS with 12 Outlets
- USB cable
- Owner's manual



#### **Designed for High Efficiency to Help You Save Money and Protect the Environment**

A >98.3% efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

#### **Combats Electromagnetic Interference That Can Harm Equipment**

Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The OMNISMART750MX incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

#### **Alarm and Diagnostic LEDs Keep You Informed 24/7**

The alarm sounds to report low battery, battery replace, overload and fault condition. A set of 4 LEDs reports AC line present (green), battery mode (yellow), overload/low battery (red) and battery replace (red).

#### **USB Port Allows for Automatic Saves and Shutdowns**

The HID-compliant USB port connects the UPS 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.

#### **Compact Housing Compatible with Easy Desktop or Wall-Mount Installation**

The space-saving UPS fits on a desktop, shelf or any other flat surface convenient to your workstation or home theater. Keyhole mounting tabs on the rear allow easy wall installation. The five-foot power cord with space-saving right-angle NEMA 5-15P plug connects to any compatible AC outlet.

## Specifications

| OVERVIEW                           |   |
|------------------------------------|---|
| UPC Code                           | 037332258175                            |
| UPS Type                           | Line-Interactive                        |
| INPUT                              |   |
| Rated input current (Maximum Load) | 10A                                     |
| Nominal Input Voltage(s) Supported | 120V AC                                 |
| Nominal Input Voltage Description  | Supports input voltages from 78 to 152V |
| UPS Input Connection Type          | 5-15P; Right-Angled                     |
| Input Circuit Breakers             | 10A @ 120V                              |
| UPS Input Cord Length (ft.)        | 7                                       |
| UPS Input Cord Length (m)          | 2.1                                     |
| Input Phase                        | Single-Phase                            |
| Input Frequency                    | 60 Hz (±3%)                             |
| OUTPUT                             |   |
| Output Volt Amp Capacity (VA)      | 750                                     |



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|---|---|
| Output Watt Capacity (Watts)                    | 460   |
| Output Capacity Details                         | Supports 125% load for 10 minutes, 20 seconds (load PF=1.0); Supports 110% for up to 27 seconds   |
| Power Factor                                    | 0.6   |
| Nominal Voltage Details                         | 120v nominal output in AC and battery modes   |
| Frequency Compatibility                         | 60 Hz   |
| Frequency Compatibility Details                 | 60 Hz ( $\pm 3\%$ ) tolerance   |
| Output Voltage Regulation (Line Mode)           | 120V~ (+8% / -15%)  |
| Output Voltage Regulation (Battery Mode)        | 120V ( $\pm 5\%$ )  |
| UPS Output Receptacles (Surge Suppression Only) | 6 UPS outlets, 6 surge-only outlets   |
| Output AC Waveform (AC Mode)                    | Pure sine wave  |
| Output AC Waveform (Battery Mode)               | PWM sine wave   |
| Nominal Output Voltage(s) Supported             | 120V  |
| Output Receptacles                              | (12) 5-15R  |
| Individually Controllable Load Banks            | No  |
| <b>BATTERY</b>                                  |   |
| Full Load Runtime (min.)                        | 3.6 min. (460W)   |
| Half Load Runtime (min.)                        | 11 min. (230W)  |
| Expandable Runtime                              | No  |
| DC System Voltage (VDC)                         | 12  |
| Battery Recharge Rate (Included Batteries)      | 5 hours to 90%  |
| Battery Access                                  | Battery access door   |
| Battery Replacement Description                 | Replaceable internal batteries (see manual)   |
| <b>VOLTAGE REGULATION</b>                       |   |
| Voltage Regulation Description                  | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 78 to 152  |
| Overvoltage Correction                          | Input voltages between 128 and 152 are cut by 16%   |
| Undervoltage Correction                         | Input voltages between 93 and 108 are boosted by 13%  |
| Severe Undervoltage Correction                  | Input voltages between 78 and 93 are boosted by 35%   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>    |   |
| Switches  | Switch supports On/Off power control (release after 3 seconds), UPS battery-test (line mode only, release after 5 seconds), Alarm-mute (battery mode only, release after 0.5 seconds) |
| Alarm Cancel Operation                          | Manual alarm-cancel supported   |



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| Audible Alarm   | Alarm sounds to report Battery-mode operation, Low-battery status, Overload status and UPS Battery test modelow-battery, fault, overload and replace-battery conditions                        |
| LED Indicators  | 2 Status LEDs; GREEN indicates power status and operating mode / RED indicates battery-low, overload, replace-battery and fault conditions (see manual)  |
| <b>SURGE / NOISE SUPPRESSION</b>                              |  |
| UPS AC Suppression Joule Rating                               | 600  |
| UPS AC Suppression Response Time                              | Instantaneous  |
| UPS Dataline Suppression                                      | 1 line TEL/DSL or Ethernet   |
| EMI / RFI AC Noise Suppression                                | Yes  |
| <b>PHYSICAL</b>   |  |
| Primary Form Factor   | Desktop  |
| Installation Form Factors Supported with Included Accessories | Tower; Ultra-compact desktop; Wallmount  |
| Primary UPS Depth (mm)  | 305  |
| Primary UPS Height (mm)                                       | 105  |
| Primary UPS Width (mm)  | 190  |
| Shipping Dimensions (hwd / in.)                               | 10.71 x 6.30 x 15.00   |
| Shipping Weight (kg)  | 6.60   |
| UPS Power Module Dimensions (hwd, in.)                        | 4.14 x 7.48 x 12   |
| UPS Power Module Weight (kg)                                  | 6.10   |
| UPS Power Module Weight (lbs.)                                | 13.45  |
| <b>ENVIRONMENTAL</b>  |  |
| Operating Temperature Range                                   | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius  |
| Storage Temperature Range                                     | +5 to +113 degrees Fahrenheit / -15 to +45 degrees Celsius   |
| Relative Humidity   | 0 to 90%, non-condensing   |
| AC Mode BTU / Hr. (Full Load)                                 | 30.72  |
| AC Mode Efficiency Rating (100% Load)                         | >98.4%   |
| Operating Elevation (ft.)                                     | Up to 10,000 ft.   |
| Operating Elevation (m)                                       | Up to 3000m  |
| <b>COMMUNICATIONS</b>   |  |
| 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 interface cable included   |



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|---|---|
| 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   | 2-6 milliseconds (typical), 10 milliseconds (max)   |
| Low Voltage Transfer to Battery Power (Setpoint)            | 78  |
| High Voltage Transfer to Battery Power (Setpoint)           | 152   |
| <b>FEATURES &amp; SPECIFICATIONS</b>                        |   |
| Grounding Lug   | Includes side-panel grounding lug   |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported  |
| 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  | ENERGY STAR Qualified; Meets FCC Part 15 Category A (EMI); Tested to CSA (Canada); Tested to EAC (Belarus, Kazakhstan, Russia); Tested to NOM (Mexico); Tested to RETIE (Colombia); Tested to UL1778 (USA)                                  |
| Certification Details                                       | Series Number (s) AG-0553; Safety Standards (Canada) CAN/CSA-C22.2 No. 107.3-14 (3rd Ed)+G11 (R:2017-10); Safety Standards (U.S.) UL1778:2014 (5th Ed) R10.17; FCC/ICES Compliant CLASS A; 47 CFR FCC PART 15 SUBPART B:2017; ICES-003:2017 |
| <b>WARRANTY</b>   |   |
| Product Warranty Period (U.S. & Canada)                     | 2-year limited warranty   |
| Product Warranty Period (Latin America)                     | 2-year limited warranty   |
| Product Warranty Period (International)                     | 2-year limited warranty   |
| Product Warranty Period (Mexico)                            | 2-year limited warranty   |

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