

## ECO Series 120V 650VA 325W Energy-Saving Standby UPS with USB, Muted Alarm and 8 Outlets

MODEL NUMBER: **ECO650UPSM**



### Description

The ECO650UPSM standby green UPS offers complete protection from blackouts, brownouts and transient surges. Supports green energy savings via built-in Eco outlets that automatically power off unused computer accessories like printers or multi-media speakers when the computer is not in use. Full load efficiency rating of 99% also offers energy-savings and cooler operation by limiting UPS power consumption to less than 4 watts! Eco-friendly design meets strict RoHS environmental standards. Provides uninterrupted transition to battery-derived AC output during brownouts and power failures with enough runtime to save and shutdown connected equipment without data loss. Offers complete protection in an ultra-compact desktop or wall-mountable housing. Includes 4 battery supported outlets for computer, monitor and two vital system peripheral, plus 4 additional surge suppression-only outlets for accessories not requiring battery support. Three of the surge-only outlets are designated Eco outlets that can be configured to automatically power-off when the computer enters standby mode or is shutdown. USB enables UPS configuration options and unattended system shutdown without data loss in the case of extended power failure. Built-in USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download. USB cable included. Built-in single line RJ11 phone suppression protects modem, fax machine, cordless phone or other accessories with a dialup/DSL phone connection. Built-in audible alarm and front panel LEDs offer continuous status information regarding line and battery power operation. 650VA / 325 watt power handling ability supports a 60 watt PC with monitor for up to 30 minutes during power fail conditions. \$100,000 connected equipment insurance (USA, Puerto Rico, & Canada Only).

### Features

- ECO650UPSM standby green UPS offers complete protection from blackouts, brownouts and transient surges
- Built-in Eco outlets automatically power off unnecessary computer accessories like printers, scanners

### Highlights

- 650VA ultra-compact 120V standby UPS, energy-saving ECO outlets
- Audible alarm is muted for full-time silent operation
- Maintains AC output during power failures, 99% line mode efficiency
- ECO option turns off set of three outlets when the computer is not in use
- USB, TEL/DSL protection, Wall mountable, Surge-only outlets
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

### Package Includes

- ECO650UPSM UPS System
- USB cable
- Instruction manual



and speakers when computer is not in use

- Audible alarm is completely muted from the factory
- Full load efficiency rating of 99% saves energy and heat output by limiting UPS power consumption to less than 4 watts with only 14 BTU/hr. of heat output
- Eco-friendly design meets strict RoHS (Restriction of Hazardous Substances) environmental standards
- 650VA / 325 watt UPS provides battery-derived AC output during brownouts and power failures to support 60 watt PC with monitor up to 30 minutes
- Ultra compact UPS supports a variety of placement options for desktop or wallmount use
- Includes 4 UPS supported outlets for computer, monitor and 2 vital system peripherals requiring uninterrupted power
- Includes 4 Surge-only outlets for accessories not requiring battery support
- Three of the Surge-only outlets are designated Eco outlets that can be configured to automatically power-off when the computer is not in use
- USB enables UPS configuration options and unattended system shutdown without data loss in the case of extended power failure.
- PowerAlert UPS monitoring software is available for free download from [www.tripplite.com/poweralert](http://www.tripplite.com/poweralert)
- HID-compliant USB also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Single line RJ11 phone suppression jacks protects modem, fax machine, cordless phone or other accessories from surges on dialup/DSL phone connections
- USB cable included
- Space-saving right angle input plug
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- \$100,000 connected equipment insurance (USA, Puerto Rico and Canada only)

## Specifications

OVERVIEW	
UPC Code	037332183651
OUTPUT	
Output Volt Amp Capacity (VA)	650
Output Watt Capacity (Watts)	325
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
<b>INPUT</b>	
Rated input current (Maximum Load)	10A
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
<b>BATTERY</b>	
Half Load Runtime (min.)	11 min. (163w)
DC System Voltage (VDC)	12
Expandable Runtime	No
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Switches	Combination switch controls on/off power status and self-test operation; second recessed push-button switch enables ECO outlet switching
Audible Alarm	Alarm is factory muted for silent operation; Audible alarm can be restored to indicate power failure and overload conditions using PowerAlert UPS management software
LED Indicators	3 LEDs indicate power status, overload/check battery and ECO-mode status
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	420
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out)
EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop



**Tripp Lite**  
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Primary Form Factor	Desktop
UPS Power Module Dimensions (hwd, in.)	3.1 x 10.8 x 5.7
UPS Power Module Dimensions (hwd, cm)	7.87 x 27.43 x 14.48
UPS Power Module Weight (lbs.)	6.6
UPS Power Module Weight (kg)	2.99
Shipping Dimensions (hwd / in.)	4.200 x 8.000 x 13.000
Shipping Dimensions (hwd / cm)	10.67 x 20.32 x 33.02
Shipping Weight (lbs.)	7.6000
Shipping Weight (kg)	3.45
UPS Housing Material	ABS
Primary UPS Height (mm)	79
Primary UPS Width (mm)	274
Primary UPS Depth (mm)	145
<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)	14
Battery Mode BTU / Hr. (Full Load)	227
AC Mode Efficiency Rating (100% Load)	99%
<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	RJ to USB interface 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 <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	AC to battery mode: 4 milliseconds / Battery to AC mode: 3 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	99
High Voltage Transfer to Battery Power (Setpoint)	139



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<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; Power saving auto-shutoff ECO outlets
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
<b>WARRANTY</b>	
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)	\$100,000&nbsp;<a class="insuranceLink" href="//www.tripplite.com/support/insurance-policy">Ultimate Lifetime Insurance</a>&nbsp;

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