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

MODEL NUMBER: **ECO650UPSM**

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

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 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
- 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

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

INPUT

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

BATTERY

Half Load Runtime (min.)	11 min. (163w)
DC System Voltage (VDC)	12
Expandable Runtime	No

USER INTERFACE, ALERTS & CONTROLS

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

SURGE / NOISE SUPPRESSION

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

PHYSICAL

Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop
Primary Form Factor	Desktop
UPS Power Module Dimensions (hwd, in.)	3.1 x 10.8 x 5.7
UPS Power Module Dimensions (hwd, cm)	7.8 x 27.6 x 14.6
UPS Power Module Weight (lbs.)	6.6
UPS Power Module Weight (kg)	2.99
UPS Shipping Dimensions (hwd / in.)	4.1 x 13 x 8
UPS Shipping Dimensions (hwd / cm)	10.4 x 33 x 20.3
Shipping Weight (lbs.)	7.1
Shipping Weight (kg)	3.2
UPS Housing Material	ABS
Primary UPS Height (mm)	79
Primary UPS Width (mm)	274
Primary UPS Depth (mm)	145
Shipping Height (mm)	104
Shipping Width (mm)	330
Shipping Depth (mm)	203
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)	14
Battery Mode BTU / Hr. (Full Load)	227
AC Mode Efficiency Rating (100% Load)	99%
COMMUNICATIONS	
Communications Interface	USB (HID enabled)
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Cable	RJ to USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

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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	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
SPECIAL FEATURES	
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
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 (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 Ultimate Lifetime Insurance