Powering Business Worldwide

TRIPP·LITE by EATON

650VA 325W Standby UPS - 10 NEMA 5-15R Outlets, 120V, 50/60 Hz, 5-15P Plug, ENERGY STAR, Desktop/Wall

MODEL NUMBER: **ECO650UPSM**

Compact desktop UPS provides battery backup support for your home/office network system, home theater or digital signage components.

Features

Energy-Saving 650VA/325W/120V Battery Backup for PCs, Home Theater and Digital Signage
The standby ECO650UPSM UPS system 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 10-outlet 120V battery backup is ideal protection for your home office, media center or professional kiosk, security and small-business phone applications, 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 the ECO650UPSM should keep an energy-efficient desktop computer with small LCD monitor powered as long as 16 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

10 NEMA 5-15R Outlets Protect Your Connected Components
Five 5-15R outlets provide battery backup and surge protection for your computer, monitor and other crucial components. The other five 5-15R outlets provide surge suppression only for printers, speakers and other desktop equipment regarded as non-essential during a blackout.

ENERGY STAR-Certified to Help You Save Money and Protect the Environment
By meeting strict EPA efficiency guidelines, this ENERGY STAR-certified UPS system helps you save money and energy. An ECO power-saving option features three switched ECO outlets (two surge-only, one surge- and battery-protected) that turn off automatically when the device connected to the Battery Backup Master Outlet is powered down or in sleep mode. These outlets are recommended for printers, desk lamps and other non-essential peripherals that don’t need to be operational all the time.

316 Joules Fight Back Against Unexpected Power Surges
A 316-joule surge suppression rating protects connected components from the harmful effects of power surges. Dual network data line jacks protect a wired peripheral from dangerous surges on a single 10/100Base-T or dial-up network connection.

HID-Compliant USB Port Allows for Automatic Saves and Shutdowns

Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Keeps AC power running during blackouts to allow time for file saves and safe shutdown
- 10 NEMA 5-15R outlets power and protect PC, home theater or digital signage equipment
- Home-friendly alarm remains silent in backup mode, sounding only when imperative
- ENERGY STAR-certified to save electricity, lower costs, and protect the environment

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
- Turn off outlets connected to printers, desk lamps and other non-essential devices when not in use to save energy

Package Includes

- ECO650UPSM 650VA 325W 120V Standby ECO UPS with 10 Outlets
- USB cable
- Owner’s manual

This USB port connects the ECO650UPSM to a computer running free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. USB cable is included.

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 ECO650UPSM incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

Home-Friendly Alarm and Diagnostic LEDs Keep You Informed 24/7
The UPS remains silent in both line and battery backup modes. The alarm sounds only to warn you of a low battery, overload or fault condition. A front-panel green LED indicates operating mode, ECO mode and fault status.

Compact Housing Compatible with Easy Desktop or Wall-Mount Installation
The space-saving ABS housing fits on a desktop, shelf or anywhere else convenient to your workstation or home theater. Keyhole mounting tabs on the rear allow easy wall-mount installation. The five-foot power cord with NEMA 5-15P plug connects to any compatible AC outlet.

Specifications

OVERVIEW	
UPC Code	037332211071
UPS Type	Standby
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	6A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
Input Circuit Breakers	7A
UPS Input Cord Length (ft.)	5
UPS Input Cord Length (m)	1.5
Recommended Electrical Service	15A 120V
OUTPUT	
Output Capacity (VA)	650
Output Capacity (kVA)	0.65
Output Capacity (Watts)	325
Output Capacity (kW)	0.325
Output Capacity Details	4.6A @ 120V. (LINE MODE) 110%+/- 10% @ 5 minutes; (BATTERY MODE) 110% +/- 10% @ 5 seconds
Nominal Voltage Details	120V sinusoidal in line mode and 120V PWM in battery mode

Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Output is regulated to +/-0.05Hz when input frequency exceeds +/-5Hz of nominal.
Output Voltage Regulation (Line Mode)	120V (+6%/-12%)
Output Voltage Regulation (Battery Mode)	120V (±10%)
UPS Output Receptacles (Surge Suppression Only)	5 UPS outlets, 5 surge-only outlets
Load Management Receptacles	The ECO Energy-Saving option will automatically POWER OFF three designated ECO outlets when the device connected to the MASTER load-sensing outlet is turned off (after approximately 3 minutes); ECO outlets will immediately POWER ON when the device connected to the MASTER load-sensing outlet begins consuming 23 watts or more (see manual)
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R outlets)
Output AC Waveform (AC Mode)	Pure sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(10) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	1 min. (325W)
Runtime Half Load (min.)	4.5 min. (163W)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	6.5 hours (10% to 90%)
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	IMPORTANT BATTERY REPLACEMENT INFORMATION > If your ECO650UPSM has no battery access door, please contact a local electronics repair technician to source and install a matching replacement battery; If your ECO650UPSM does have a battery replacement door and the original battery inside has a rating of 12V 3.6AH, please order Tripp Lite # RBC36H replacement battery
Battery Replacement Description	Replaceable internal batteries (see manual)
VOLTAGE REGULATION	
Voltage Regulation Description	Input voltage range of 90 to 145
USER INTERFACE, ALERTS & CONTROLS	
Switches	Switch controls power off/on status and ECO mode off/on status
Audible Alarm	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions

LED Indicators	1 Status LED reports operating mode, ECO mode and fault status
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	316
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL or Ethernet
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Desktop
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount
Primary UPS Depth (mm)	185
Primary UPS Height (mm)	105
Primary UPS Width (mm)	110
Shipping Dimensions (hwd / in.)	7.37 x 5.67 x 10.86
Shipping Dimensions (hwd / cm)	18.72 x 14.40 x 27.58
Shipping Weight (lbs.)	4.40
Shipping Weight (kg)	2.00
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	10.49 x 11.00 x 18.49
UPS Power Module Dimensions (hwd, in.)	4.13 x 4.33 x 7.28
UPS Power Module Weight (kg)	1.80
UPS Power Module Weight (lbs.)	3.96
Unit Weight (lbs.)	3.960
Unit Weight (kg)	1.80
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 113°F (-15° to 45°C)
Relative Humidity	0 to 90%, non-condensing
AC Mode BTU / Hr. (Full Load)	13.1
AC Mode Efficiency Rating (100% Load)	>98%
Operating Elevation	0-10000 ft. (0-3000 m)
COMMUNICATIONS	

PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
Communications Cable	USB interface cable 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)
LINE / BATTERY TRANSFER	
Transfer Time	6 milliseconds typical (10 milliseconds max)
Low Voltage Transfer to Battery Power (Setpoint)	95
High Voltage Transfer to Battery Power (Setpoint)	145
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Power saving auto-shutoff ECO outlets
APPLICATIONS	
UPS Applications	Computer/Peripherals; Retail/Point of Sale; Hospitality
STANDARDS & COMPLIANCE	
Product Certifications	RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1778
Product Compliance	RoHS; ENERGY STAR Qualified; FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
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

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