

# TAA-Compliant ECO Series 120V 850VA 425W Energy-Saving Standby UPS with USB, LCD Display and 12 Outlets

MODEL NUMBER: ECO850LCDTAA











#### Description

The ECO850LCDTAA ultra-compact green UPS offers complete protection from blackouts, voltage fluctuations and transient surges. Interactive LCD user interface offers detailed UPS and site electrical data, including input/output voltage, estimated runtime remaining, load percentage, load wattage and battery charge level. Energy saving ECO outlets give users the option to automatically power off unused desktop accessories like a printer and audio speakers as the computer connected via USB goes to lowpower sleep or shutdown modes. 99% full load efficiency rating offers energy savings and cool operating temperatures. Green eco-friendly design meets strict RoHS environmental standards. Provides uninterruptible transfer to battery derived AC output during power failures and voltage fluctuations with enough runtime to save and shutdown connected equipment without data loss. Space saving, ultracompact desktop or wall mount compatible housing. Includes 6 battery supported outlets for computer, monitor and four vital system accessories, plus 6 additional surge suppression-only outlets for accessories not requiring battery support. Four surge-only outlets marked "ECO" can be configured to automatically power-off within 3 minutes of the connected computer entering sleep or shutdown mode. USB monitors computer power status for ECO power savings and enables direct integration with built-in power management and auto-shutdown features of Windows and Mac OS X. PowerAlert software is available via free download to provide advanced auto-shutdown, UPS monitoring and data saving options. USB cable included. Built-in single line RJ11 phone suppression protects modem, fax machine, cordless phone or other accessories with a dial-up/DSL phone connection. Built-in interactive LCD screen offers continuous power and UPS status information. Audible alarm warns of power failure conditions. Self-test, display brightness, alarm disable and LCD information display scrolling options are controllable via interactive LCD user interface. 850VA / 425 watt UPS capacity supports entry-level PC systems for up to 45 minutes during power fail conditions. \$100,000 connected equipment insurance (USA, Puerto Rico, & Canada Only).

### **Highlights**

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 850VA ultra-compact 120V standby UPS, LCD display
- Maintains AC output during power failures, 99% line mode efficiency, ECO option turns off set of four outlets when the computer is not in use
- USB, TEL/DSL protection, Wall mountable, Surge-only outlets, NEMA 5-15P input plug and 12 NEMA 5-15R outlets
- This product is ENERGY STAR qualified for its ability to save customers money while helping to protect the environment

### Package Includes

- ECO850LCDTAA UPS System
- USB cable
- Instruction manual



#### **Features**

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- ECO850LCDTAA power saving, green UPS offers complete protection from blackouts, voltage fluctuations and transient surges
- Interactive LCD user interface with scroll and select buttons offer detailed UPS status and control
  options
- LCD screen options support continuous display of Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage - with the option to continuously scroll all six information fields
- LCD screen with scroll and select functions also gives users the ability to enable and disable specific UPS features, such as the ECO energy-saving feature, permanent alarm silence, LCD brightness, information display scroll functions and UPS self-test operation
- Set of 4 optional ECO outlets automatically power off unnecessary computer accessories like a printer, scanner and audio speakers three minutes after computer enters sleep or shutdown mode
- Full load efficiency rating of 99% saves energy and ensures cool operating temperatures
- · ECO850LCDTAA emits only 17 BTU/hr. and consumes less than 5 watts once the battery is charged
- · Eco-friendly design meets strict RoHS (Restriction of Hazardous Substances) environmental standards
- 850VA / 425 watt UPS provides battery-derived AC output during power failures and severe voltage fluctuations to support an entry level desktop computer up to 45 minutes
- · Ultra compact UPS supports a variety of placement options for desktop or wall mount installation
- Includes 6 UPS supported outlets for computer, monitor and two additional vital system peripherals requiring continuous power
- Includes 6 Surge-only outlets for accessories not requiring battery support
- Four of the Surge-only outlets are designated ECO outlets that can be configured to automatically
  power-off three minutes the connected computer enters low power standby or shutdown mode
- USB monitors computer power status for ECO power savings and enables direct integration with built-in power management and auto-shutdown features of Windows and Mac OS X
- PowerAlert software is available via free download from <a href="tripplite.eaton.com/products/power-alert">tripplite.eaton.com/products/power-alert</a> to provide advanced auto-shutdown, UPS monitoring and data saving options
- Single line RJ11 phone suppression jacks protect modem, fax machine, cordless phone or other accessories from surges on dial-up/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	037332184115	
UPS Type	Standby	
INPUT		
Input Phase	Single-Phase	
Rated input current (Maximum Load)	10A	



Nominal Input Voltage(s) Supported 1904 AC UPS Input Connection Type 1914 S-15F, Right-Angled 1914 Input Corul Breakers 10A UPS Input Cord Length (t) 6 UPS Input Cord Length (t) 6 UPS Input Cord Length (t) 7 Recommended Electrical Service 15A 120V  OUTPUT  Output Capacity (WA) 850 Output Capacity (WAts) 425 Nominal Voltage Details 115v nominal output in battery mode Frequency Compatibity 60 Hz Output Requision (Battery Mode) 115v sominal output voltage Regulation (Battery Mode) 115v sominal output voltage Regulation (Battery Mode) 115v sominal Sine wave 115v Sine wave 1			
Input Circuit Breakers 10A UPS Input Cord Length (IIt.) 6 UPS Input Cord Length (III.) 6 UPS Input Cord Length (III.) 18 Recommended Electrical Service 15A 120V  OUTPUT  Output Capacity (VA) 850 Output Capacity (Watts) 425 Nominal Voltage Details 115v nominal output in battery mode Frequency Compatibility 60 Hz  Output Voltage Regulation (Battery Mode) UPS Output A Exceptacles (Surge only outlets Output Voltage Regulation (Battery Mode) UPS Output AC Waveform (AC Mode) Sine wave Output AC Waveform (Battery Mode) Upt Voltage Regulation (Battery Mode) Upt Voltage Regulation (Interview of the Waveform of the Waveform (Interview of the Waveform of the Wavef	Nominal Input Voltage(s) Supported	120V AC	
UPS Input Cord Length (III.) 6  UPS Input Cord Length (m) 1.8  Recommended Electrical Service 15A 120V  OUTPUT  Output Capacity (VA) 850  Output Capacity (Watis) 425  Nominal Voltage Details 115v nominal output in battery mode Frequency Compatibility 60 Hz  Output Chapacity (Watis) 425  Output Capacity (Watis) 45 Hz  Frequency Compatibility 60 Hz  Output Notage Regulation (Battery Mode) 4-5 5%  UPS Output Receptacies (Surge Surge output Voltage Regulation (Battery Mode) 50 Hz  Output AC Waveform (AC Mode) 51 Hz  Output AC Waveform (AC Mode) 71 Hz  Nominal Output Voltage(s) 110V: 115V: 120V  Output Receptacies (12) 5-15R  BATTERY  Runtime Full Load (min.) 2.8 min.  Runtime Full Load (min.) 13.4 min.  Expandable Runtime No  DC System Voltage (VDC) 12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display 54 Early Series along and UPS self-test operation 54 Early Self-test operation 54 Early Self-test operation 64 Early Self-test operation 65 Early Self-test operation 65 Early Self-test operation 75 Early Self-test operation 75 Earl Control and LC scheduler Self-test operation 75 Earl Control and LC scheduler Self-test operation 75 Earl Loss outputs up Front panel LCD interface operation 15 Earl Control and LC scheduler Self-test operation 75 Earl Loss outputs under the Self-test operation 15 Earl Loss outputs under the Self-test outputs momentally elements altern during a power failure and vertoad status	UPS Input Connection Type	5-15P; Right-Angled	
UPS Input Cord Length (m)  Recommended Electrical Service  15A 120V  OUTPUT  Output Capacity (VA)  850  Output Capacity (Watts)  425  Nominal Voltage Details  115v nominal output in battery mode  Frequency Compatibility  60 Hz  Output Voltage Regulation (Battery Mode)  UPS Output Receptacles (Surge Suppression Only)  Output AC Waveform (AC Mode)  Sine wave  Output AC Waveform (AC Mode)  Output Voltage(s)  110V: 115V: 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.)  2.8 min.  Runtime Hall Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Broth Spanish or Market Spanish or Spanish	Input Circuit Breakers	10A	
Recommended Electrical Service 15A 120V  OUTPUT  Output Capacity (Waits) 850  Output Capacity (Waits) 425  Noninal Voltage Details 115v nominal output in battery mode Frequency Compatibility 60 Hz  Output Voltage Regulation (Battery Mode) 50 Hz  Output Voltage Regulation (Battery Mode) 51 Hz 5%  Output AC Waveform (AC Mode) 52 Sine wave 52 Sine wave 53 Sine wave 54 Sine wave 54 Sine wave 55 S	UPS Input Cord Length (ft.)	6	
OUTPUT Output Capacity (VA) 850 Output Capacity (Watts) 425 Nominal Voltage Details 115v nominal output in battery mode Frequency Compatibility 60 Hz Output Voltage Regulation (Battery Mode) +/- 5% UPS Output Recapitacies (Surge Suppression Only) 6 UPS outlets, 6 surge-only outlets UPS Output Recapitacies (Surge Guyer Suppression Only) 7 UPS Output AC Waveform (AC Mode) 7 UPS Output AC Waveform (AC Mode) 8 UPS Outlets, 6 surge-only outlets Output AC Waveform (Battery Mode) 9 UPS Outlets, 6 surge-only outlets Output AC Waveform (Battery PWM sine wave Nominal Output Voltage(s) 110V: 115V: 120V Output Recapitacies 1120 5-15R  BATTERY Runtime Full Load (min.) 2.8 min. Runtime Full Load (min.) 13.4 min. Expandable Runtime No OC System Voltage (VDC) 12  USER INTERFACE, ALERTS & CONTROLS Front Panel LCD Display Front panel LCD reports input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage, Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD Ingithess, information display scrolling and UPS self-test operation Switches Set of two switches offers complete UPS control, ON / OFF / MODE switch offers UPS power office control and LC screen mode selection. MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options Adam Cancel Operation Audible alarm indicates power-failure and overload status	UPS Input Cord Length (m)	1.8	
Output Capacity (VA) 850 Output Capacity (Watts) 425 Nominal Voltage Details 115v nominal output in battery mode Frequency Compatibility 60 Hz Output Voltage Regulation (Battery Mode) 4/- 5% UPS Output Receptacles (Surge Suppression Only) 6 UPS outlets, 6 surge-only outlets Output AC Waveform (AC Mode) Sine wave Output AC Waveform (Rattery PWM sine wave Nominal Output Voltage(s) 110V; 115V; 120V Output Receptacles (12) 5-15R  BATTERY Runtime Full Load (min.) 2.8 min. Runtime Full Load (min.) 13.4 min. Expandable Runtime No DC System Voltage (VDC) 12  USER INTERFACE, ALERTS & CONTROLS  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Sattery charge percentage; Also supports on GLO energy-saving feature, alarm silence mode, LCD brightness, information displays scorling and UPS self-test operation.  Switches Sat of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power offron control and LC screen mode selection; MUTE / SELECT button momentarity silences alarm during a power failure and value selection for LCD interportagin indicates power-failure and overfoad status	Recommended Electrical Service	15A 120V	
Output Capacity (Watts)  Nominal Voltage Details  115v nominal output in battery mode  Frequency Compatibility  60 Hz  Output Voltage Regulation (Battery Mode)  UPS Output Receptacles (Surge Suppression Only)  6 UPS outlets, 6 surge-only outlets  Output AC Waveform (AC Mode)  Output AC Waveform (Battery Mode)  Nominal Output Voltage(s)  Supported  Nominal Output Voltage(s)  Supported  110V; 115V; 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.)  2.8 min.  Runtime Full Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front panel LCD Peports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control: ON / OFF / MODE switch offers UPS power offion control and LC screen modes assisted; MUTE 'SELECT button momentarily silences alarm during a power failure and value and LCD selded Plarm  Alarm-cancel Switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an Ldible Alarm  Audible Alarm  Audible Alarm indicates power-failure and overload status	OUTPUT		
Nominal Voltage Details  I15v nominal output in battery mode  Frequency Compatibility  60 Hz  Output Voltage Regulation (Battery Mode)  UPS Output Receptacles (Surge Suppression Only)  6 UPS outlets, 6 surge-only outlets  UPS Output AC Waveform (AC Mode)  Output AC Waveform (AC Mode)  Sine wave  Output AC Waveform (Battery PWM sine wave  Nominal Output Voltage(s)  Nominal Output Voltage(s)  110V: 115V: 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.)  2.8 min.  Runtime Half Load (min.)  Expandable Runtime  No  DC System Voltage (VDC)  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front Panel LCD Display  Front Panel LCD Display  Front Panel LCD Display  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen modes selection; MUTE / Select Control CD inerface options  Alarm Cancel Operation  Audible Alarm  Audible alarm indicates power-failure and overload status	Output Capacity (VA)	850	
Frequency Compatibility 60 Hz  Output Voltage Regulation (Battery Mode) 7/- 5%  UPS Output Receptacles (Surge Suppression Only) 6 UPS outlets, 6 surge-only outlets  Output AC Waveform (AC Mode) 5 Sine wave  Output AC Waveform (Battery Mode) 7 PWM sine wave  Nominal Output Voltage(s) 110V; 115V; 120V  Output Receptacles (12) 5-15R  BATTERY  Runtime Full Load (min.) 2.8 min.  Runtime Full Load (min.) 13.4 min.  Expandable Runtime No  DC System Voltage (VDC) 12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load waitage and Bright charge percentage. Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Alarm Cancel Operation Audible Alarm Audible Alarm indicates power-failure and overload status	Output Capacity (Watts)	425	
Output Voltage Regulation (Battery Mode)  UPS Output Receptacles (Surge suppression Only)  Output AC Waveform (AC Mode)  Output AC Waveform (AC Mode)  Output AC Waveform (Battery Mode)  Nominal Output Voltage(s)  Sine wave  PWM sine wave  Nominal Output Voltage(s)  Utjust Receptacles  (12) 5-15R   BATTERY  Runtime Full Load (min.)  2.8 min.  Runtime Full Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage: Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Alarm Cancel Operation  Audible Alarm  Audible alarm indicates power-failure and overload status	Nominal Voltage Details	115v nominal output in battery mode	
West of the supersession only)  Output AC Waveform (AC Mode)  Output AC Waveform (Battery Mode)  Output AC Waveform (Battery Mode)  PWM sine wave  Output AC Waveform (Battery Mode)  Output Voltage(s)  Inov; 115V; 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.)  2.8 min.  Runtime Full Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front Panel LCD Display  Front Panel LCD Display  Bront panel LCD Display  Front Panel LCD Display  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentainly silences alarm during a power failure and value selection for LCD interface options  Alarm Cancel Operation  Audible Alarm  Audible alarm indicates power-failure and overload status	Frequency Compatibility	60 Hz	
Suppression Only)  Output AC Waveform (AC Mode)  Nominal Output Voltage(s) Supported  110V; 115V; 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.) 2.8 min.  Runtime Half Load (min.) 13.4 min.  Expandable Runtime No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front Panel LCD Display  Front Panel LCD Display  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power offion control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Audible Alarm  Audible Alarm  Audible alarm indicates power-failure and overload status	Output Voltage Regulation (Battery Mode)	+/- 5%	
Output AC Waveform (Battery Mode)  Nominal Output Voltage(s) Supported  110V; 115V; 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.) 2.8 min.  Runtime Half Load (min.) 13.4 min.  Expandable Runtime No DC System Voltage (VDC) 12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-Cancel Operation  Alarm-Cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 6 surge-only outlets	
Nomial Output Voltage(s) Supported  110V; 115V; 120V  Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.) 2.8 min.  Runtime Half Load (min.) 13.4 min.  Expandable Runtime No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm Cancel Operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	Output AC Waveform (AC Mode)	Sine wave	
Output Receptacles  (12) 5-15R  BATTERY  Runtime Full Load (min.)  2.8 min.  Runtime Half Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTOLS  Front Panel LCD Display  Front Panel LCD Display  Front Panel LCD Display  Set two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LCD screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm Cancel Operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible Alarm  Audible alarm indicates power-failure and overload status		PWM sine wave	
Runtime Full Load (min.)  Runtime Half Load (min.)  2.8 min.  Runtime Half Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible Alarm  Audible alarm indicates power-failure and overload status	Nominal Output Voltage(s) Supported	110V; 115V; 120V	
Runtime Full Load (min.)  Runtime Half Load (min.)  13.4 min.  Expandable Runtime  No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front Panel LCD Display  Front Panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm Cancel Operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	Output Receptacles	(12) 5-15R	
Runtime Half Load (min.)  Expandable Runtime  No  DC System Voltage (VDC)  12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-cancel Operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	BATTERY		
Expandable Runtime No  DC System Voltage (VDC) 12  USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-cancel Switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm Audible alarm indicates power-failure and overload status	Runtime Full Load (min.)	2.8 min.	
USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-cancel operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	Runtime Half Load (min.)	13.4 min.	
USER INTERFACE, ALERTS & CONTROLS  Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm Cancel Operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	Expandable Runtime	No	
Front Panel LCD Display  Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	DC System Voltage (VDC)	12	
Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation  Switches  Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LC screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	USER INTERFACE, ALERTS & CONTROLS		
screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options  Alarm Cancel Operation  Alarm-cancel switch temporarily silences alarm during a power failure; Silent-alarm mode setting is available as an LCD settable option  Audible Alarm  Audible alarm indicates power-failure and overload status	Front Panel LCD Display	Front panel LCD reports Input voltage, Output voltage, Estimated runtime, Load percentage, Load wattage and Battery charge percentage; Also supports configuration of ECO energy-saving feature, alarm silence mode, LCD brightness, information display scrolling and UPS self-test operation	
Audible Alarm  Audible alarm indicates power-failure and overload status	Switches	Set of two switches offers complete UPS control; ON / OFF / MODE switch offers UPS power off/on control and LCD screen mode selection; MUTE / SELECT button momentarily silences alarm during a power failure and value selection for LCD interface options	
	Alarm Cancel Operation		
SURGE / NOISE SUPPRESSION	Audible Alarm	Audible alarm indicates power-failure and overload status	
	SURGE / NOISE SUPPRESSION		
UPS AC Suppression Joule Rating 420	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		
Primary Form Factor	Desktop	
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop	
Primary UPS Depth (mm)	178	
Primary UPS Height (mm)	89	
Primary UPS Width (mm)	305	
Shipping Dimensions (hwd / in.)	4.50 x 15.00 x 10.00	
Shipping Dimensions (hwd / cm)	11.43 x 38.10 x 25.40	
Shipping Weight (lbs.)	9.95	
Shipping Weight (kg)	4.51	
UPS Housing Material	Plastic	
UPS Power Module Dimensions (hwd, cm)	8.89 x 30.48 x 17.78	
UPS Power Module Dimensions (hwd, in.)	3.5 x 12 x 7	
UPS Power Module Weight (kg)	4.31	
UPS Power Module Weight (lbs.)	9.5	
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)	17	
AC Mode Efficiency Rating (100% Load)	99%	
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	319	
COMMUNICATIONS		
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert software at https://tripplite.eaton.com/products/power-alert	
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 (NUT) Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at https://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite	



Communications Interface	USB (HID enabled)	
LINE / BATTERY TRANSFER		
Transfer Time	AC to battery mode: 6 milliseconds / Battery to AC mode: 3 milliseconds	
Low Voltage Transfer to Battery Power (Setpoint)	99	
High Voltage Transfer to Battery Power (Setpoint)	139	
FEATURES & SPECIFICATIONS		
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	
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 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>	



© 2023 Eaton. All Rights Reserved. Eaton is a registered trademark. All other trademarks are the property of their respective owners.