120V 1500VA 900W A/V Digital Line-Interactive UPS with LCD Display, Tel/DSL/Coax/Ethernet Protection

MODEL NUMBER: **HTRL15UPS**





Highlights

- LCD status screen with built-in LCD dimmer
- Automatic voltage regulation protects A/V components from power fluctuations
- EMI/RFI line noise filtering
- 8 widely-spaced UPS-supported outlets, DB9 serial and USB ports with HID protocol
- 3-line 2.2 GHz coaxial surge protection plus single-line tel/DSL or Ethernet surge protection

Package Includes

- HTRL15UPS Digital UPS
- USB, phone, and coax cabling
- Mounting hardware
- Manual with warranty information

Description

Tripp Lite's HTRL15UPS Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for home theater/media center components and other sensitive electronic equipment, including PVRs/DVRs, media center PCs/servers, home automation/control systems and security equipment. Internal UPS circuits support entry-level PCs or individual VCR/DVR components during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts and overvoltages from 75V to 147V back to usable levels without consuming battery power. Offers complete power protection with support for upright tower, flat shelf-mount or 2U rackmount installation in an attractive all-black cabinet design. Includes 8 battery-supported outlets. Built-in USB port and DB9 serial port enable optional unattended system shutdown without data loss in case of extended power failure; cabling included. PowerAlert Software available via free download from www.tripplite.eaton.com. HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X. Built-in single-line RJ-45 jacks offer protection for equipment with single-line tel/DSL or network Ethernet connection. Three sets of 2.2 GHz coaxial jacks protect against surges entering on CATV, satellite or broadcast antenna connections. Built-in audible alarm and large LCD front panel status screen indicates line power status, battery power status, battery low/replace status and voltage boost operation. 1500VA/900W power-handling capacity supports entry-level PCs, home entertainment systems, network workstations and audio/video components. $250,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

Features

- LCD Display with dimmer switch indicates input voltage, battery capacity and a variety of operating conditions. Display is rotatable for easy viewing whether UPS is in vertical or horizontal position
- Offers voltage regulation, surge suppression and long-lasting battery support during blackouts
- Supports entry-level PCs or single VCR/DVR components during blackouts
- Regulates brownouts and overvoltages from 75V to 147V back to usable levels without consuming

battery power

- 8 UPS battery-supported outlets
- Included USB port and DB9 serial port enable unattended shutdown in case of extended power failure
- HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X.
- PowerAlert software available via free download from tripplite.eaton.com
- Set of phone/network jacks protects a single dialup/DSL phone line or network Ethernet connection
- 3-line 2.2 GHz coaxial surge protection for cable, satellite and antenna connections
- 1500VA/900W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3.5 min. full load runtime (1500VA/900W); 13 min. half-load runtime (750VA/450W)
- Cabinet adapts to tower or rackmount shelf format. Rackmount installation brackets for 2U installation included
- $250,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Specifications

OVERVIEW	
UPC Code	037332127419
UPS Type	Line-Interactive
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	8.5A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P; Right-Angled
Input Circuit Breakers	10A
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
OUTPUT	
Output Capacity (VA)	1500
Output Capacity (kVA)	1.5
Output Capacity (Watts)	900
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
Output AC Waveform (AC Mode)	Sine wave

Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	115V; 120V
Output Receptacles	(8) 5-15R
Individually Controllable Load Banks	Yes
BATTERY	
Runtime Full Load (min.)	3.5 min. (900w)
Runtime Half Load (min.)	13 min. (450w)
Expandable Runtime	No
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90%
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147
Overvoltage Correction	Input voltages between 128 and 147 are reduced by 12%
Undervoltage Correction	Input voltages between 93 and 107 are boosted by 14%
Severe Undervoltage Correction	Input voltages between 75 and 92 are boosted by 30%
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software
LED Indicators	Front panel LCD display
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (3 sets)
UPS Dataline Suppression Details	HD-compatible 2.2GHz coaxial protection
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Rackmount
Rack Height	2U

Cooling Method	Fan
Included Mounting Accessory Description	Pair of mounting ears enable tower and 2-4 post rackmount installation
Installation Form Factors Supported with Included Accessories	Tower
Maximum Device Depth (cm)	26.67
Maximum Device Depth (in.)	10.5
Maximum Device Depth (mm)	267
Primary UPS Depth (mm)	267
Primary UPS Height (mm)	89
Primary UPS Width (mm)	437
Shipping Dimensions (hwd / in.)	7.00 x 21.00 x 14.50
Shipping Dimensions (hwd / cm)	17.78 x 53.34 x 36.83
Shipping Weight (lbs.)	31.00
Shipping Weight (kg)	14.06
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	8.89 x 43.69 x 26.67
UPS Power Module Dimensions (hwd, in.)	3.5 x 17.2 x 10.5
UPS Power Module Weight (kg)	13.15
UPS Power Module Weight (lbs.)	29
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)	266.1
AC Mode Efficiency Rating (100% Load)	92%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	626.7
COMMUNICATIONS	
PowerAlert Software	Free download from https://tripplite.eaton.com/products/power-alert
Communications Cable	USB and DB9 Serial cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Communications Interface	USB (HID enabled); DB9 Serial
LINE / BATTERY TRANSFER	

Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Inverter can be cold started to enable temporary AC output during a power failure
APPLICATIONS	
UPS Applications	Audio/Video
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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