

Specifications

OUTPUT

Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	900
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
Output Receptacles	(8) 5-15R
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave

INPUT

Rated input current (Maximum Load)	8.6A
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
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase

BATTERY

Full Load Runtime (min.)	4.4 min. (900w)
Half Load Runtime (min.)	11.8 min. (450w)
DC System Voltage (VDC)	24
Battery Recharge Rate (Included Batteries)	Less than 4.5 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	See RBC Selector for replacement battery information
Expandable Runtime	No

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 offers detailed UPS status information, configuration options and Error message reporting; STATUS INFORMATION includes Input Voltage, Output Voltage, Estimated Runtime (minutes), Output Load Percentage, Output Load Wattage, Battery Charge Percentage, Graphical 5-Bar Battery Charge Level and UPS Operating Mode Display / CONFIGURATION OPTIONS include Power Sensitivity, LCD Status Information Scrolling, Alarm Disable, LCD Brightness and Self Test / REPORTED ERROR MESSAGES include Replace-Battery and Overload conditions; LCD Screen rotates for vertical or horizontal UPS placement
Switches	ON/OFF/MODE button provides UPS on/off power control (long-press) and advances the LCD screen display (short tap); MUTE/ENTER button provides temporary alarm cancel, plus selection and confirmation of on-screen configuration options
Alarm Cancel Operation	Press the MUTE/ENTER button during a power failure to silence the alarm; Once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and low-battery status; Alarm can be disabled entirely via front panel LCD interface (see manual)
LED Indicators	Front panel LCD display

SURGE / NOISE SUPPRESSION

UPS AC Suppression Joule Rating	870
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
UPS Dataline Suppression Details	168 joules; Compatible with POE applications
EMI / RFI AC Noise Suppression	Yes

PHYSICAL

Included Mounting Accessory Description	Pair of mounting ears enable tower and 2-4 post rackmount installation; Set of 4 rubber-feet enable no-slip horizontal desktop placement
Installation Form Factors Supported with Included Accessories	2 post 19 inch rackmount; 4 post 19 inch rackmount; Tower
Primary Form Factor	Rackmount
UPS Power Module Dimensions (hwd, in.)	3.5 x 17.25 x 10.5
Rack Height (U Spaces)	2
Minimum Required Rack Depth (inches)	13.5
UPS Power Module Weight (lbs.)	30
UPS Power Module Weight (kg)	13.61
UPS Shipping Dimensions (hwd / in.)	7.8 x 15.28 x 21.77
Shipping Weight (lbs.)	30.68
Cooling Method	Fan
UPS Housing Material	ABS
Minimum Required Rack Depth (mm)	343
Primary UPS Height (mm)	89
Primary UPS Width (mm)	438
Primary UPS Depth (mm)	267
Shipping Height (mm)	198
Shipping Width (mm)	388
Shipping Depth (mm)	553

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	Up to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	78
AC Mode Efficiency Rating (100% Load)	98%

COMMUNICATIONS

Communications Interface	Contact closure; DB9 Serial; USB (HID enabled)
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions; DB9 provides contact-closure notification of AC Present (pins 1,9 connected) and AC Fail (pins 1,8 connected)
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Cable	USB and DB9 Serial cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER

Transfer Time	4 milliseconds (AC to battery mode); 1 millisecond (Battery to AC mode)
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147

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

CERTIFICATIONS

UPS Certifications	Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA)
UPS Certification Details	UL1778: 2014 R8.15 5TH EDITION; CSA-C22.2 NO. 107.3-14 3RD EDITION; FCC Part 68 Certification Number 5WSWP00B001; Industry Canada Certification Number 3449-001, REN: 0.1