

SYSTEM OVERVIEW	
Voltage compatibility	120 VAC
Frequency compatibility	60 Hz
OUTPUT	
Output VA	1000
Output watts	640
Output nominal voltage	120VAC sine wave output in AC and battery mode
Output voltage regulation	LINE MODE: Sine wave line voltage 120V (-21% +8%), BATTERY MODE: Sine wave output within 5% of 120VAC
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type	6 NEMA 5-15R
Customized load management receptacles	"Includes 2 load banks, each with 2 outlets that support automated load shedding and remote reboot on demand of locked network devices. Configurable via PowerAlert software to automatically switch off optional loads, like monitors, to increase available runtime for servers and other critical devices. "
Overload protection	Via 15A input breaker
INPUT	
Maximum input amps	9.2A
Input connection type	NEMA 5-15P
Input cord length	10 ft., 14 gauge
Recommended electrical service	15A 120V
BATTERY	
Full load runtime	7 minutes (640 watts)
Half load runtime	15 minutes (320 watts)
DC system voltage	24 VDC
Typical battery lifespan	3-6 years, depending on usage
Battery recharge rate	2-4 hours to 90%
Replacement Battery Cartridge	RBC64-1U
VOLTAGE REGULATION	
Voltage regulation description	Line interactive voltage regulation system corrects input voltages between 83 and 147 back to usable 120V nominal levels.
Overvoltage correction	Input voltages between 128 and 147 are reduced by 12%
Brownout correction	Input voltages between 83 and 107 are boosted by 14%
LEDS ALARMS & SWITCHES	
Front panel LEDs	5 front panel LEDs - Green POWER LED, 3 color BATTERY CHARGE LED, 3 color OUTPUT LOAD LEVEL LED, red BATTERY WARNING LED.
Alarms	3 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)
Switches	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel functions
SURGE / NOISE SUPPRESSION	
AC surge suppression	480 joules
AC suppression response time	Instantaneous
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	36
Shipping weight (kg)	16.3
Shipping Dimensions (HWD/in)	6.25 x 23.5 x 22.5
Shipping Dimensions (HWD/cm)	15.9 x 60 x 57.2
Unit weight (lbs)	32
Unit weight (kg)	14.5

Unit Dimensions (HWD/in)	1.75 x 17.5 x 16.75
Unit Dimensions (HWD/cm)	44.5 x 44.5 x 42.5
Material of construction	Steel
Form factors supported	Rack (1U)
Cooling method	Built-in cooling fan
Battery Access	Battery access door allows hot swap battery replacement without powering connected equipment off
<b>ENVIRONMENTAL</b>	
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
Line mode BTU/hr. (Max.)	55.8
Battery mode BTU/hr. (Max.)	189.2
<b>COMMUNICATIONS</b>	
Network monitoring port	Includes 2 built-in monitoring ports, 1-USB & 1-DB9. Each supports on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, internal UPS temperature and line frequency status
Software and cabling included	Includes PowerAlert UPS monitoring software for network and standalone operating systems. Ships with complete USB and DB9 cabling.
SNMP compatibility	Built-in accessory slot accommodates internal SNMP / Web card and other network accessories
WatchDog compatibility	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	83V (resets to line power as line voltage increases to 87V or higher)
High voltage transfer to battery power	147V (resets to line power as line voltage decreases to 143V or lower)
<b>CERTIFICATIONS</b>	
Certifications†	UL1778 (USA), cUL (Canada), Class A (emissions), NOM (Mexico)
<b>WARRANTY</b>	
Product warranty	2 year product warranty
Connected equipment insurance (USA and Canada Only)	\$250,000 connected equipment insurance (USA / Canada only)
Optional coverage	3 year, 5 year, next day and on-site warranty coverage available for select opportunities
<b>SPECIAL FEATURES</b>	
EPO port	Includes RJ11 EPO (emergency power off) port and cable
TVSS grounding	Includes back panel grounding point with thumbscrew for data line surge suppressors and other network accessories requiring a safe grounding point
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance	Attractive black color scheme