

SYSTEM OVERVIEW	
Voltage compatibility	120V factory default (110V, 100V user selectable)
Frequency compatibility	50 / 60 Hz
OUTPUT	
Output VA	2200
Output watts	1600
Output nominal voltage	120V (110V, 100V) VAC
Output voltage regulation	LINE MODE: Sine wave line voltage 120V (-18% / +8%)
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10%
Outlet quantity / type	4 NEMA 5-15R and 4 NEMA 5-15/20R
Customized load management receptacles	3 single outlet load banks
INPUT	
Maximum input amps	13.3 (120V)/ 14.6 (110V)/ 16.0 (100V)
Input connection type	NEMA 5-20P (optional, user-installable NEMA 5-15P included in box)
Input cord length	10 ft./ 3m
Recommended electrical service	20A 120V
BATTERY	
Full load runtime	6
Half load runtime	16
DC system voltage	48V
Typical battery lifespan	4-6 years typical
Replacement Battery Cartridge	RBC94-2U
VOLTAGE REGULATION	
Voltage regulation description	Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 79V and overvoltages to 147V
Overvoltage correction	120V: Input voltages between 127 and 145 volts AC are reduced by 12% / 110V: Input voltages between 116 and 133 are reduced by 12% / 100V: Input voltages between 106 and 121 are reduced by 12%
Brownout correction	120V: Input voltages between 96-108 are boosted by 12% / 110V: Input voltages between 87 and 99 are boosted by 12% / 100V: Input voltages between 83 and 90 are boosted by 12%
Severe brownout correction	120V only: Input voltages between 83 and 95 are boosted by 24%
LEDS ALARMS & SWITCHES	
Front panel LEDs	5 front panel LEDs â Green POWER LED, Green VOLTAGE CORRECTION 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. Back panel includes voltage selection dip switches for 120 / 110 / 100 volts nominal
SURGE / NOISE SUPPRESSION	
AC surge suppression	570
AC suppression response time	Instantaneous
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	72
Shipping weight (kg)	32.4
Shipping Dimensions (HWD/in)	9 x 23.5 x 20
Shipping Dimensions (HWD/cm)	23 x 59.7 x 50.8
Unit weight (lbs)	64

Unit weight (kg)	28.8
Unit Dimensions (HWD/in)	3.5 x 17.5 x 19
Unit Dimensions (HWD/cm)	8.9 x 44.5 x 48.26
Material of construction	Steel
Form factors supported	Rack (2U)
Cooling method	Fan
Battery Access	Battery access panel allows hot swap replacement without powering connected equipment off.
ENVIRONMENTAL	
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.)	168.2 BTU/hr. (worst case)
Battery mode BTU/hr. (Max.)	604.4 BTU/hr. (worst case)
COMMUNICATIONS	
Network monitoring port	HID-compliant USB port and RS232
Software and cabling included	Includes PowerAlert UPS monitoring software for all common network and standalone operating systems. Ships with 2 cables, 1-USB to USB & 1-DB9 to DB9
SNMP compatibility	Built-in accessory slot accommodates internal SNMPWEBCARD and other network accessories
WatchDog compatibility	Yes, compatible with Tripp Lite's WatchDog system service software 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
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	Switches to battery power if line voltage decreases to 83 (120V), 87 (110V), or 83 (100V) volts or less. Resets back to line power as line voltage increases to 87 (120V), 92 (110V), or 87 (100V) volts or higher.
High voltage transfer to battery power	Switches to battery power as line voltage increases to 145 (120V), 133 (110V), or 121 (100V) volts or higher. Resets back to line power when line voltage decreases to 141 (120V), 129 (110V), or 118 (100V) volts or less.
CERTIFICATIONS	
Certifications†	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), RoHS compliant, Class A (Emissions), NOM (Mexico)
WARRANTY	
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
SPECIAL FEATURES	
EPO port	Includes RJ11 EPO (emergency power off) port and interconnection 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 all-black housing
BATTERY PACK ACCESSORY (OPTIONAL)	
Battery Pack Accessory (optional)	BP48V242U (limit 1) and BP48V60RT3U (multi-pack compatible)