

# SmartPro LCD 230V 1.5kVA 900W Line-Interactive UPS, AVR, 2U Rack/Tower, LCD display, USB, DB9 Serial

# MODEL NUMBER: SMX1500LCD





## Description

Tripp Lite's SMX1500LCD Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home entertainment systems and

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# Highlights

- 1500VA / 1.5kVA 2U rack/tower
  230V line interactive UPS with
  LCD display
- Corrects brownouts and overvoltages from 144V to 282V
- LCD screen reports input voltage, battery charge and UPS status
- USB, DB9 serial, TEL/DSL/ethernet/coax protection, Rackmount kit
- C14 input and 8 C13 outlets

### Package Includes

- SMX1500LCD Digital UPS
  System
- USB cable, phone (RJ11) cable and coax cable
- 2 C13-to-C14 jumper cables
- 2 tower/rackmount brackets
- Owner's manual with warranty information

media centers. Internal UPS circuits support entry-level PCs for up to 60 min. or individual VCR/DVR components for up to 3 hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 176V back to usable levels without consuming battery power. Offers complete power protection in an attractive black tower configuration. Includes 8 battery-supported AC outlets. USB port enables optional unattended system shutdown without data loss in case of extended power failure; USB cable included. PowerAlert Software available via free download from www.tripplite.com. HID-compliant USB interface enables full integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in single-line phone suppression protect modem, satellite receiver or other peripherals with a standard dialup/DSL phone connection or dataline connection. Set 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 voltage display indicate line power status, battery power status, battery low/replace status and voltage boost operation. 1500VA/900W power-handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components and more. Offers 4.5 min. battery runtime with a full load of 1500VA/900W and 12 min. with a half load of 750VA/450W.

### Features

- LCD Display 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
- · Provides voltage regulation, surge suppression and long-lasting battery support during blackouts
- 8 AC outlets provide connected equipment with UPS battery support plus surge suppression
- C14 inlet accepts user-supplied AC power cord with country specific plug.
- Included DB9 serial and USB monitoring port and cable enables unattended shutdown in the case of extended power failure
- HID-compliant USB port enables full integration with built-in power management and auto shutdown features of Windows and Mac OS X
- PowerAlert Software available via free download from www.tripplite.com
- Set of tel/DSL jacks protects a single dialup/DSL phone line or Ethernet connection
- · Set of 2.2 GHz coaxial jacks protect against surges entering on CATV, satellite or broadcast antenna connections



- 1500VA/900W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 4.5 min. full load runtime(1500VA/900W); 12 min. half-load runtime(750VA/450W)
- Optional PDUBHV10 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Cabinet adapts to tower or rackmount shelf format. Rackmount installation brackets for 2U installation in 2- or 4-post racks included

# **Specifications**

OUTPUT		
Output Volt Amp Capacity (VA)	1500	
Output kVA Capacity (kVA)	1.5	
Output Watt Capacity (Watts)	900	
Nominal Output Voltage(s) Supported	220V; 230V; 240V	
Nominal Voltage Details	230v inverter nominal output voltage	
Frequency Compatibility	50 / 60 Hz	
Output Voltage Regulation (Line Mode)	-18%, +8%	
Output Voltage Regulation (Battery Mode)	+/- 5%	
Output Receptacles	(8) C13	
Included Output Power Cables	Includes 2 C13 to C14 output power cables.	
Hot-Swap PDU options	PDUBHV10 (2U / 8 C13 outlets)	
Output AC Waveform (AC Mode)	Sine wave	
Output AC Waveform (Battery Mode)	PWM sine wave	
INPUT		
Rated input current (Maximum Load)	4.4A	
Nominal Input Voltage(s) Supported	230V AC	
UPS Input Connection Type	C14 inlet	
UPS Input Connection Description	Attached 15cm line cord with C14 inlet. C14 inlet accepts user-supplied AC power cord with country specific plug.	
Input Circuit Breakers	5.5A	
UPS Input Cord Length (ft.)	0.5	
UPS Input Cord Length (m)	0.2	
Input Phase	Single-Phase	
BATTERY		
Full Load Runtime (min.)	4.5 min. (900w)	
Half Load Runtime (min.)	12 min. (450w)	



How Pailer ECD Display    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      SURGE / NOISE SUPPRESSION    Front panel LCD display      UPS AC Suppression Joule Rating    890      UPS AC Suppression Response    Instantaneous      UPS AC Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethemet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL    Tower      Installation Form Factors Supported with included Accessories    Tower      Included Mounting Accessory    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (twd, in, )    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5			
Batteries)      Cess status 4.0 Hold is from F0.0 60.9        Expandable Runtime      No        Voltage Regulation Description      Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 144 to 282        Overvoltage Correction      Input voltages between 245 and 282 are reduced by 12%        Undervoltage Correction      Input voltages between 177 and 199 are boosted by 14%        Severe Undervoltage Correction      Input voltages between 174 and 176 are boosted by 30% <b>USER INTERFACE, ALERTS &amp; COV</b> Severe Undervoltage Correction        Switches      2 Switches control officin power status and alarm cancel/self-test operation        Auro Cancel Operation      Prover-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate of mack/orware        Suitches      2 Switches control officin power-failure, low-battery and overfoad status; alarm can be disabled using PowerAler        Audible Alarm      Audible alarm Indicates power-failure, low-battery and overfoad status; alarm can be disabled using PowerAler        Status Casuppression Joule Rating      B80        UPS AG Suppression Aloue Rating      B80        UPS Adsuline Suppression      1 line TELDSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)        DWref      Yes        Ethilant Form Factors Supported wind mounting ears enable	DC System Voltage (VDC)	24	
Voltage Regulation      Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 144 to 282        Overvoltage Correction      Input voltages between 245 and 282 are reduced by 12%        Undervoltage Correction      Input voltages between 177 and 199 are boosted by 14%        Severe Undervoltage Correction      Input voltages between 174 and 176 are boosted by 30%        USER INTERFACE, ALERTS & CONTROLS        Front Panel LCD Display      Backlighted LCD coreen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and repla battery status; LCD coreen rotates for rackhower viewing        Switches      2 Switches control offron power status and alarm-cancel/seff-test operation        Power-fail alarm can be allenced 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 schware        LED Indicators      Front panel LCD display        Suppression Joule Rating      890        UPS AC Suppression Joule Rating      890        UPS AC Suppression Resporse      Instantaneous        Time      11ine TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)        EMI / RFI AC Noise Suppression      Yes        PhysiccaL      Tower <t< td=""><td></td><td>Less than 4.5 hours from 10% to 90%</td></t<>		Less than 4.5 hours from 10% to 90%	
Voltage Regulation Description      Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 144 to 282        Overvoltage Correction      Input voltages between 245 and 282 are reduced by 12%        Undervoltage Correction      Input voltages between 177 and 199 are boosted by 14%        Severe Undervoltage Correction      Input voltages between 144 and 176 are boosted by 30%        USER INTERFACE, ALERTS & CONTENT        USER INTERFACE, ALERTS & CONTENT        Backlighted LCD coreen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replation (AvR) maintains line power viewing        Switches      2 Switches control off/on power status and alarm-cancel/self-test operation        Audible Alarm      Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using Power/Alert software        LED Indicators      Front panel LCD display        Surger / NOISE SUPPRESSION        UPS AC Suppression Joule Rating      890        UPS AC Suppression Joule Rating      890        UPS AC Suppression      1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)        PHYSICAL      res        Installation Form Factors Supported      Tower        Installation Form Factor Supported      Tower	Expandable Runtime	No	
Overvoltage Correction      Input voltages between 245 and 282 are reduced by 12%        Undervoltage Correction      Input voltages between 177 and 199 are boosted by 14%        Severe Undervoltage Correction      Input voltages between 144 and 176 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 repla        Switches      2 Switches control off/on power status and alarm-cancel/self-test operation        Avama      Power-fail alarm can be silenced using alarm-cancel switch: once silenced, alarm will re-sound to indicate bow-battery status        Audible Alarm      Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software        EED Indicators      Front panel LCD display        SURCE / NOISE SUPPRESSION      UPS AC Suppression Joule Rating        UPS AC Suppression Joule Rating      890        UPS AC Suppression      1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)        EM / RFI AC Noise Suppression      Yes        PHYSICAL      Instantaneous        Instantaneous      Yes        PHYSICAL      Pair of mounting ears enable tower and 2-4 post rackmount installation        Primary Form Factor      Ra	VOLTAGE REGULATION		
Undervoltage Correction      Input voltages between 177 and 199 are boosted by 14%        Severe Undervoltage Correction      Input voltages between 144 and 176 are boosted by 30%        USER INTERFACE, ALERTS & CONTOLS        Front Panel LCD Display      Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replay battery status; LCD screen rotates for rack/tower viewing        Switches      2 Switches control offion 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 fow-battery status        Audible Alarm      Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software        ILED Indicators      Front panel LCD display        By AC Suppression Joule Rating      890        UPS AC Suppression Response      Instantaneous        Time      1 line TEL/DSL (1 in /1 out); 10/100Base T Ethernet; Coax jacks (1 set)        EMI / RFI AC Noise Suppression      Yes        PHYSICAL      Tower        Instatilation Form Factors Supported      Pair of mounting ears enable tower and 2-4 post rackmount installation        Primary Form Factor      Rackmount        UPS Power Module Dimensions (fwd, in.)      3.5 x 17.2 x 10.5	Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 144 to 282	
Severe Undervoltage Correction      Input voltages between 144 and 176 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 repla        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        SURGE / NOISE SUPPRESSION      Beso        UPS AC Suppression Joule Rating      890        UPS AC Suppression Response      Instantaneous        Instantaneous      Yes        PHYSICAL      Tower        Installation form Factors Supported with included Accessories      Tower        Installation      Rackmount      2.5 x 17.2 x 10.5        UPS Power Module Dimensions (Mvd, in.)      8.9 x 43.8 x 26.7        Installed Whole System Maximum      10.5	Overvoltage Correction	Input voltages between 245 and 282 are reduced by 12%	
USER INTERFACE, ALERTS & CONTROLS        Front Panel LCD Display      Backlighted LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and repla battery status; LCD screen rotates for rack/lower viewing        Switches      2 Switches control off/on power status and alarm-cancel/self-test operation        Alarm Cancel Operation      Powerfail 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        B90      UPS AC Suppression Instantaneous        UPS Dataline Suppression      1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)        EMI / FI AC Noise Suppression      Yes        PHYSICAL      Tower        Included Mounting Accessory      Pair of mounting ears enable tower and 2-4 post rackmount installation        Primary Form Factor      Rackmount        UPS Power Module Dimensions (Mvd, in.)      3.5 x 17.2 x 10.5        UPS Power Module Dimensions (Mvd, in.)      8.9 x 43.8 x 26.7	Undervoltage Correction	Input voltages between 177 and 199 are boosted by 14%	
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Holin Panel LOD Display      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        SURGE / NOISE SUPPRESSION      Front panel LCD display        SURGE / NOISE SUPPRESSION      B90        UPS AC Suppression Joule Rating      890        UPS AC Suppression Response      Instantaneous        UPS Dataline Suppression      1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)        EMI / RFI AC Noise Suppression      Yes        PHYSICAL      Instantaneous        Installation Form Factors Supported with induced Accessories      Tower        Included Mounting Accessory      Pair of mounting ears enable tower and 2-4 post rackmount installation        Primary Form Factor      Rackmount        UPS Power Module Dimensions (twd, in.)      3.5 x 17.2 x 10.5        UPS Power Module Dimensions (twd, in.)      8.9 x 43.8 x 26.7        Installed Whole System Maximum      10.5	USER INTERFACE, ALERTS & CON	TROLS	
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 PowerAlerd software      LED Indicators    Front panel LCD display      SURGE / NOISE SUPPRESSION    B90      UPS AC Suppression Joule Rating    B90      UPS AC Suppression Response    Instantaneous      UPS Dataline Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL    Installation Form Factors Supported      Included Mounting Accessory    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in, ).    3.5 x 17.2 x 10.5      UPS Power Module Dimensions    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	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	
Name Cancer Operation    Iow-battery status      Iow-battery status    Audible Alarm      Audible Alarm    Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert      LED Indicators    Front panel LCD display      SURGE / NOISE SUPPRESSION    B90      UPS AC Suppression Joule Rating    B90      UPS AC Suppression Response    Instantaneous      UPS Dataline Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL    Instatlation Form Factors Supported      Included Mounting Accessory    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in, )    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, en, )    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	Switches	2 Switches control off/on power status and alarm-cancel/self-test operation	
Adduide Administration    software      LED Indicators    Front panel LCD display      SURGE / NOISE SUPPRESSION    890      UPS AC Suppression Joule Rating    890      UPS AC Suppression Response    Instantaneous      UPS Dataline Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL    Tower      Installation Form Factors Supported with Included Accessories    Tower      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in.)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, en.)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	Alarm Cancel Operation		
SURGE / NOISE SUPPRESSION      UPS AC Suppression Joule Rating    890      UPS AC Suppression Response    Instantaneous      UPS Dataline Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL      Installation Form Factors Supported with Included Accessories      Included Mounting Accessory Description    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, cn)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, cm)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	Audible Alarm	Audible alarm indicates power-failure, low-battery and overload status; alarm can be disabled using PowerAlert software	
UPS AC Suppression Joule Rating  890    UPS AC Suppression Response Time  Instantaneous    UPS Dataline Suppression  1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)    EMI / RFI AC Noise Suppression  Yes    PHYSICAL    Installation Form Factors Supported with Included Accessories    Included Mounting Accessory Description  Pair of mounting ears enable tower and 2-4 post rackmount installation    Primary Form Factor  Rackmount    UPS Power Module Dimensions (hwd, cm)  3.5 x 17.2 x 10.5    UPS Power Module Dimensions (hwd, cm)  8.9 x 43.8 x 26.7	LED Indicators	Front panel LCD display	
UPS AC Suppression Response    Instantaneous      UPS Dataline Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL      Installation Form Factors Supported with Included Accessories      Included Mounting Accessory    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (twd, in.)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (twd, cm)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	SURGE / NOISE SUPPRESSION		
Time    Instantaneous      UPS Dataline Suppression    1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)      EMI / RFI AC Noise Suppression    Yes      PHYSICAL    Installation Form Factors Supported with Included Accessories      Included Mounting Accessory    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in.)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, cm)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	UPS AC Suppression Joule Rating	890	
EMI / RFI AC Noise Suppression    Yes      PHYSICAL    Installation Form Factors Supported with Included Accessories    Tower      Included Mounting Accessory    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in.)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, cm)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5		Instantaneous	
PHYSICAL    Tower      Installation Form Factors Supported with Included Accessories    Tower      Included Mounting Accessory Description    Pair of mounting ears enable tower and 2-4 post rackmount installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in.)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, cm)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5	UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)	
Installation Form Factors Supported with Included AccessoriesTowerIncluded Mounting Accessory DescriptionPair of mounting ears enable tower and 2-4 post rackmount installationPrimary Form FactorRackmountUPS Power Module Dimensions (hwd, in.) $3.5 \times 17.2 \times 10.5$ UPS Power Module Dimensions (hwd, cm) $8.9 \times 43.8 \times 26.7$ Installed Whole System Maximum $10.5$	EMI / RFI AC Noise Suppression	Yes	
with Included Accessories  Flower    Included Mounting Accessory Description  Pair of mounting ears enable tower and 2-4 post rackmount installation    Primary Form Factor  Rackmount    UPS Power Module Dimensions (hwd, in.) $3.5 \times 17.2 \times 10.5$ UPS Power Module Dimensions (hwd, cm) $8.9 \times 43.8 \times 26.7$ Installed Whole System Maximum $10.5$	PHYSICAL		
Description    Pail of moduling ears enable lower and 2-4 post fackmodult installation      Primary Form Factor    Rackmount      UPS Power Module Dimensions (hwd, in.)    3.5 x 17.2 x 10.5      UPS Power Module Dimensions (hwd, cm)    8.9 x 43.8 x 26.7      Installed Whole System Maximum    10.5		Tower	
UPS Power Module Dimensions (hwd, in.)  3.5 x 17.2 x 10.5    UPS Power Module Dimensions (hwd, cm)  8.9 x 43.8 x 26.7    Installed Whole System Maximum  10.5		Pair of mounting ears enable tower and 2-4 post rackmount installation	
(hwd, in.)  5.5 x 17.2 x 10.5    UPS Power Module Dimensions (hwd, cm)  8.9 x 43.8 x 26.7    Installed Whole System Maximum  10.5	Primary Form Factor	Rackmount	
(hwd, cm) Installed Whole System Maximum 10.5		3.5 x 17.2 x 10.5	
		8.9 x 43.8 x 26.7	
· · · · · · · · · · · · · · · · · · ·	Installed Whole System Maximum Rack Depth (in.)	10.5	
Installed Whole System Maximum Rack Depth (cm) 26.7		26.7	



Rack Height (U Spaces)	2	
UPS Power Module Weight (lbs.)	29.4	
UPS Power Module Weight (kg)	13.3	
UPS Shipping Dimensions (hwd / in.)	7.5 x 22.5 x 15.2	
UPS Shipping Dimensions (hwd / cm)	19 x 57.2 x 38.7	
Shipping Weight (lbs.)	33.4	
Shipping Weight (kg)	15.2	
UPS Housing Material	ABS	
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)	127.5	
Battery Mode BTU / Hr. (Full Load)	540	
AC Mode Efficiency Rating (100% Load)	96%	
COMMUNICATIONS		
Communications Interface	USB (HID enabled); DB9 Serial	
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions	
PowerAlert Software	Free download from www.tripplite.com	
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	2-4 milliseconds	
Low Voltage Transfer to Battery Power (Setpoint)	144	
High Voltage Transfer to Battery Power (Setpoint)	282	
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	CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Meets FCC Part 15 Category A (EMI)	
UPS Certification Details	CE IEC 62040-1-1, 62040-1-2	
WARRANTY		
Product Warranty Period (International)	2-year limited warranty	
Product Warranty Period (Mexico)	2-year limited warranty	
Product Warranty Period (Puerto Rico)	2-year limited warranty	

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