

Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

# SmartPro 230V 2.2kVA 1.92kW Line-Interactive Sine Wave UPS, 2U, Extended Run, Network Card Options, LCD, USB, DB9

# MODEL NUMBER: SMX2200XLRT2U







### Description

Tripp Lite SmartPro Line Interactive UPS with enhanced LCD interface offers network-grade power protection for critical server, network and telecommunications equipment. Line Interactive Uninterruptible Power Supply (UPS) with built-in Auto-Voltage Regulation (AVR) actively corrects brownouts and overvoltages back to usable levels while maintaining a full battery charge in case of power failure. Tripp Lite's unique configuration excels in exceptionally poor-power environments with two separate levels of voltage boost to correct both slight undervoltages and severe brownout conditions. Interactive LCD interface reports UPS operating mode, detailed UPS and site-power data, plus enables a variety of UPS setup and configuration options. Super-fast switchover from line to battery power occurs within milliseconds to maintain operation of connected equipment without interruption or reboot. 98% line-mode efficiency offers reduced heat emissions and operating costs. Network management interfaces support communications via USB, RS-232 and optional network management card option. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Network communications ports enable detailed monitoring of equipment load levels, self-test data and utility power conditions. PowerAlert UPS monitoring software is available via free download. Switched output load banks enable scheduled and real-time remote reboot and load shedding of select outlets. Emergency Power Off (EPO) interface. LCD display panel easily rotates for viewing in rackmount or tower configurations. Audible alarm with push-button momentary alarm-cancel and silent-mode configuration options. Programmable self-test. Field-replaceable, hot-swappable battery modules.

#### Features

- Line interactive UPS with Automatic Voltage Regulation (AVR) corrects brownouts and overvoltages from 158 to 278V
- C20 AC power inlet; 8 C13 output receptacles, Two independently switchable output load banks
- Maintains uninterrupted operation of connected networking equipment during blackouts, surges,

## Highlights

- 2.2kVA / 2200VA / 1920W line interactive 2U rack/tower UPS, Sine Wave
- Extended runtime options up to 1600W, 0.9 Power Factor, Interactive LCD interface
- 98% line-mode efficiency, 2 switched load banks, 4 post mounting kit
- USB, RS232, EPO and slot for network management card options
- 230V C20 inlet, 8 C13 outlets
- To use the Auto Probe feature, this product requires a WEBCARDLX network interface (sold separately) running LX firmware update 15.5.2 or later

#### Package Includes

- SMX2200XLRT2U UPS system
- USB, Serial & EPO cabling
- 4 post rackmount installation kit
- Set of 3 C13/C14 power cables
- Instruction manual



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brownouts and overvoltages

- High 98% efficiency rating in line-power mode offers reduced power consumption and BTU emissions
- Internal batteries offer 11.9 minutes at 50% load (960W) and 5 minutes at 100% load (1920W)
- Extended runtime is available with optional BP48V24-2U (limit 1), BP48V60RT3U (no limit) or BP48V27-2US (no limit) external battery packs (max output is reduced to 1600w with external battery packs connected)
- External battery configurations require the use of Tripp Lite's External Battery Configuration Software (see manual)
- Hot-swappable, user-replaceable internal batteries and external battery packs can be replaced with no disruption to connected equipment
- Intelligent battery management system extends battery life
- Front panel LCD monitoring screen with MODE and ENTER buttons reports operating mode with 5-bar battery charge graphic, plus 7 selectable screens of detailed UPS and site power information
- LCD interface also supports a number of advanced user setup and operating preferences
- Ships with 4 post rackmount installation hardware; Optional 2POSTRMKITWM enables 2 post rackmount/wallmount installation; Optional 2-9USTAND enables tower placement
- Built-in USB, RS-232 and optional network management card options
- Compatible with Tripp Lite UPS management card options TLNETCARD, WEBCARDLX, SNMPWEBCARD and RELAYIOCARD
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from <a href="https://www.tripplite.com/poweralert">www.tripplite.com/poweralert</a>
- Optional PDUBHV20 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment

# **Specifications**

| OVERVIEW                           |                                                                                                                         |  |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--|
| UPC Code                           | 037332124562                                                                                                            |  |
| UPS Type                           | Line-Interactive                                                                                                        |  |
| INPUT                              |                                                                                                                         |  |
| Rated input current (Maximum Load) | 10.7A                                                                                                                   |  |
| Nominal Input Voltage(s) Supported | 230V AC                                                                                                                 |  |
| UPS Input Connection Type          | C20 inlet                                                                                                               |  |
| UPS Input Connection Description   | IEC320-C20 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles |  |



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| Input Circuit Breakers                     | 15A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Phase                                | Single-Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OUTPUT                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Output Volt Amp Capacity (VA)              | 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Output kVA Capacity (kVA)                  | 2.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Output Watt Capacity (Watts)               | 1920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Output kW Capacity (kW)                    | 1.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power Factor                               | 0.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nominal Voltage Details                    | 230V nominal output in battery mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Frequency Compatibility                    | 50 / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Frequency Compatibility Details            | Automatic frequency selection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Output Voltage Regulation (Line Mode)      | -15%, +6%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Output Voltage Regulation (Battery Mode)   | +/- 5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Included Output Power Cables               | Includes 3 C13 to C14 output power cables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Load Management Receptacles                | Two switchable single-outlet C13 load banks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hot-Swap PDU options                       | PDUBHV20 (2U / 6 C13, 2 C19 outlets)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Output AC Waveform (AC Mode)               | Sine wave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Output AC Waveform (Battery Mode)          | Pure Sine wave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Nominal Output Voltage(s)<br>Supported     | 220V; 230V; 240V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Output Receptacles                         | (8) C13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Individually Controllable Load Banks       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BATTERY                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Full Load Runtime (min.)                   | 5 min. (1920w)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Half Load Runtime (min.)                   | 11.9 min. (960w)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expandable Battery Runtime                 | Extended runtime supported via optional external battery packs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| External Battery Pack Compatibility        | <a class="productLink" href="//www.tripplite.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-&lt;br&gt;Cabling-select-UPS-Systems~BP48V24-2U">BP48V24-2U</a> (limit 1); <a <br="" class="productLink">href="//www.tripplite.com/External-48V-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-<br/>Systems~BP48V60RT-3U"&gt;BP48V60RT-3U</a> (multi-pack compatible); <a <br="" class="productLink">href="//www.tripplite.com/External-48V-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-<br/>Systems~BP48V60RT-3U"&gt;BP48V60RT-3U</a> (multi-pack compatible); <a <br="" class="productLink">href="//www.tripplite.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems~BP48V27-2US"&gt;BP48V27-<br/>2US</a> (multi-pack compatible) |
| DC System Voltage (VDC)                    | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90% (typical, full load discharge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Internal UPS Replacement Battery Cartridge | <a class="productLink" href="//www.tripplite.com/2U-UPS-Replacement-48VDC-Battery-Cartridge-1-set-4-&lt;br&gt;select-Tripp-Lite-SmartPro-UPS~RBC94-2U">RBC94-2U</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



| Potton ( Access                                                  | Front namel bottom, according to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Access                                                   | Front panel battery access door                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Battery Replacement Description                                  | Hot-swappable, user replaceable batteries                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Expandable Runtime                                               | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| VOLTAGE REGULATION                                               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Voltage Regulation Description                                   | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 158 to 278                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Overvoltage Correction                                           | Voltage reduction of 12% applies when input is between 244-278V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Undervoltage Correction                                          | Voltage boost of 12% applies when input voltage is between 183-206V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Severe Undervoltage Correction                                   | Voltage boost of 24% applies when input voltage is between 158-182V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USER INTERFACE, ALERTS & CON                                     | TROLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Front Panel LCD Display                                          | Front panel LCD information and configuration screen offers detailed UPS and site power status and operating data, plus configuration of voltage, operating mode, alarm function and a variety of additional options (see manual for detailed LCD configuration and monitoring options)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Switches                                                         | 3 pushbutton switches control OFF / ON power status, MODE selection and MUTE / ENTER control functions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alarm Cancel Operation                                           | Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Audible Alarm                                                    | Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SURGE / NOISE SUPPRESSION                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UPS AC Suppression Joule Rating                                  | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UPS AC Suppression Response<br>Time                              | Instantaneous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EMI / RFI AC Noise Suppression                                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PHYSICAL                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cooling Method                                                   | Fan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Included Mounting Accessory<br>Description                       | Included 4POSTRAILKIT mounting bracket enables installation in 4 post racks from 20.5 to 36 inches (521 to 914mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Installation Form Factors Supported with Included Accessories    | 4 post 19 inch rackmount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Installation Form Factors Supported<br>with Optional Accessories | 2 post rackmount ( <a class="productLink" href="//www.tripplite.com/2-Post-Rack-Mount-Wall-Mount-Adapter-&lt;br&gt;Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM">2POSTRMKITWM</a> ); 2-4 post front rail<br>rackmount ( <a class="productLink" href="//www.tripplite.com/Heavy-Duty-2-post-Front-Mounting-Ear-&lt;br&gt;Kit~UPSHDEARKIT">UPSHDEARKIT</a> ); 4 post rackmount short-depth ( <a <br="" class="productLink">href="//www.tripplite.com/4-Post-1U-Universal-Adjustable-Rack-Mount-Shelf-Kit-for-Wall-Mount-<br/>Racks~4POSTRAILKITWM"&gt;4POSTRAILKITWM</a> ); Tower ( <a <br="" class="productLink">href="//www.tripplite.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems-2-9USTAND"&gt;2-<br/>9USTAND</a> ); Wallmount ( <a class="productLink" href="//www.tripplite.com/2-Post-Rack-Mount-&lt;br&gt;Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems-2-9USTAND">2-<br/>9USTAND</a> ); Wallmount ( |



Network Monitoring Port Description

| Minimum Required Rack Depth without External Battery Pack (in.) | 21.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Optional Mounting Accessory Notes                               | Optional <a class="productLink" href="//www.tripplite.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-&lt;br&gt;Systems~2-9USTAND">2-9USTAND</a> enables upright tower UPS placement; <a<br>class="productLink" href="//www.tripplite.com/2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-<br/>Systems~2POSTRMKITWM"&gt;2POSTRMKITWM  enables wall-mount and 2-post rackmount installation;<br/> <a class="productLink" href="//www.tripplite.com/4-Post-1U-Universal-Adjustable-Rack-Mount-Shelf-Kit-for-&lt;br&gt;Wall-Mount-Racks~4POSTRAILKITWM">4POSTRAILKITWM</a>  enables installation in 4-post short-depth<br/>racks from 14.5 to 23.5 inches (368 to 597mm);  <a class="productLink" href="//www.tripplite.com/Heavy-&lt;br&gt;Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT">UPSHDEARKIT</a>  enables installation in 2 or 4-post<br/>racks using front vertical rails only, without rear support</a<br> |
| Primary Form Factor                                             | Rackmount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Primary UPS Depth (mm)                                          | 495                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Primary UPS Height (mm)                                         | 89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Primary UPS Width (mm)                                          | 445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Rack Height                                                     | 2U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shipping Dimensions (hwd / cm)                                  | 22.10 x 61.47 x 54.61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipping Dimensions (hwd / in.)                                 | 8.70 x 24.20 x 21.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Shipping Weight (kg)                                            | 36.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipping Weight (lbs.)                                          | 81.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UPS Housing Material                                            | Steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UPS Power Module Dimensions<br>(hwd, cm)                        | 8.89 x 44.45 x 49.53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UPS Power Module Dimensions (hwd, in.)                          | 3.50 x 17.50 x 19.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UPS Power Module Weight (kg)                                    | 31.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UPS Power Module Weight (lbs.)                                  | 68.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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)                                   | 161                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| AC Mode Efficiency Rating (100% Load)                           | 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Audible Noise                                                   | 45 dBA maximum, front side 1m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| COMMUNICATIONS                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Network Management Cards                                        | <a class="productLink" href="//www.tripplite.com/SNMP-Web-Management-Accessory-Card-SmartPro-&lt;br&gt;SmartOnline-UPS-Systems~SNMPWEBCARD">SNMPWEBCARD</a> ; <a <br="" class="productLink">href="//www.tripplite.com/Web-Management-Accessory-Card-SmartPro-SmartOnline-UPS-<br/>Systems~TLNETCARD"&gt;TLNETCARD</a> ; <a class="productLink" href="//www.tripplite.com/Web-&lt;br&gt;Management-Accessory-Card-WEBCARDLX">WEBCARDLX</a> ; <a class="productLink" href="//www.tripplite.com/Web-&lt;br&gt;Management-Accessory-Card-WEBCARDLX">WEBCARDLX</a>                                                                                                                                                                                                                                                                                                                                                                       |

Supports detailed monitoring of UPS and site power conditions



| 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, DB9 and EPO cabling included                                                                                                          |  |
| WatchDog Compatibility                                         | Supports Watchdog application, OS and hard-reboot restart options for remote applications                                                  |  |
| Communications Interface                                       | DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB (HID enabled)                                                      |  |
| LINE / BATTERY TRANSFER                                        |                                                                                                                                            |  |
| Transfer Time                                                  | 6 ms. (AC to DC) / 1 ms. (DC to AC)                                                                                                        |  |
| Low Voltage Transfer to Battery<br>Power (Setpoint)            | 158V                                                                                                                                       |  |
| High Voltage Transfer to Battery<br>Power (Setpoint)           | 278V                                                                                                                                       |  |
| SPECIAL FEATURES                                               |                                                                                                                                            |  |
| Grounding Lug                                                  | Back panel grounding lug                                                                                                                   |  |
| Cold Start (Startup in Battery Mode<br>During a Power Failure) | Cold-start operation supported                                                                                                             |  |
| High Availability UPS Features                                 | Hot swappable batteries; Auto Probe Monitoring and Reboot (requires WEBCARDLX)                                                             |  |
| Green Energy-Saving Features                                   | Greater than 95% efficiency - GREEN UPS; Individually controllable load banks                                                              |  |
| STANDARDS & COMPLIANCE                                         |                                                                                                                                            |  |
| UPS Certifications                                             | CE                                                                                                                                         |  |
| Certification Details                                          | IEC 62040-1, IEC 62040-2 Class A EMI, GOST                                                                                                 |  |
| WARRANTY                                                       |                                                                                                                                            |  |
| Product Warranty Period<br>(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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