

TAA-Compliant SmartPro 230V 3kVA 2.25kW Line-Interactive Sine Wave UPS, Extended Run, SNMP, Webcard, 2U Rack/Tower, USB, DB9 Serial

MODEL NUMBER: **SMX3000RT2UTAA**



Description

Tripp Lite's SMX3000RT2UTAA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases. This intelligent, line interactive rack/tower uninterruptible power supply prevents data loss, downtime and equipment damage due to power outages, voltage fluctuations and transient surges. Requires only two rack spaces (2U) in a standard rack enclosure. Large internal batteries offer 11 minutes half load runtime and 4 minutes at full load. Runtime is expandable with optional [BP48V24-2U](#) or [BP48V60RT-3U](#) external battery packs. Maintains regulated 230V nominal output without using battery power during brownouts and overvoltages from 151 to 282V. 3000VA/2250 watt power handling capability and full time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes a total of 9 outlets with 3 load banks that are individually switchable via software interface to reboot select equipment on demand or shed less significant loads to extend battery runtime for more critical equipment. Supports simultaneous remote monitoring of UPS and site power conditions via built-in USB and DB9 monitoring ports. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Built-in accessory slot supports SNMP with optional [SNMPWEBCARD](#) adapter. Emergency Power Off (EPO) interface offers option for instantaneous power-off of UPS and connected equipment in the case of fire or emergency. Multi-function audible alarms and set of 5 front panel LEDs offer at-a-glance notification of UPS and line power status. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges and line noise. Attractive all-black color scheme.

Features

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- SMX3000RT2UTAA line interactive UPS
- 3000VA/2250 watt power handling capability with sine wave output
- Supports 2U rackmount installation in 4 post equipment racks, 2 post rackmount installation requires [2POSTRMKITWM](#), upright tower installation requires [2-9U STAND](#) accessory
- Large internal batteries support a half load of 1500VA for 11 minutes and a full load of 3000VA for 4 minutes
- Extended runtime is available with optional [BP48V24-2U](#) / [BP48V242UTAA](#) (limit 1) OR [BP48V60RT3U](#) / [BP48V60RT3UTAA](#) (no limit)

Highlights

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 3kVA / 3000VA line interactive 2U rack/tower UPS; Sine wave output
- 230V nominal output during brownouts to 151V and overvoltages to 282V
- USB, RS232, EPO & optional SNMP/Web card are available for simultaneous use
- Detailed status LEDs; 3 switched output load banks
- C20 inlet; 8 C13 & 1 C19 outlets; Includes 3 C13 to C14 cables

Package Includes

- SMX3000RT2UTAA UPS System
- PowerAlert software with USB and DB9 cables
- Mounting hardware for 4 post rackmount applications
- Cable for Emergency Power Off interface
- Instruction manual with warranty information



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

- Some external battery configurations require the use of Tripp Lite's External Battery Configuration Software (see manual)
- Maintains regulated 230V nominal output during brownouts and overvoltages from 151 to 282V
- Includes 9 UPS supported outlets arranged in 3 individually controllable load banks (2 outlets per bank) that can be powered off and back on again via software interface
- IEC320-C20 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
- PowerAlert UPS monitoring and unattended shutdown software enables configurable network broadcast messaging, email notification, event logging and running user-defined script commands
- Offers simultaneous monitoring through included USB and DB9 interface ports, or the monitoring by any number of additional servers over IP
- Emergency Power Off (EPO) interface with cable
- Supports Tripp Lite's WatchDog software application (requires optional [WATCHDOGSW](#))
- Built-in accessory slot supports SNMP with optional [SNMPWEBCARD](#) adapter
- Emergency Power Off (EPO) interface with cable
- Multi-function audible alarms and set of 5 front panel LEDs
- Network-grade AC surge suppression
- UPS battery set ships fully assembled, no time consuming connection of internal batteries by user is necessary

Specifications

| OUTPUT | |
|--|---|
| Output Volt Amp Capacity (VA) | 3000 |
| Output kVA Capacity (kVA) | 3 |
| Output Watt Capacity (Watts) | 2250 |
| Output kW Capacity (kW) | 2.2 |
| Power Factor | 0.8 |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Nominal Voltage Details | 230v nominal inverter output voltage |
| Frequency Compatibility | 50 / 60 Hz |
| Output Voltage Regulation (Line Mode) | -15%, +8% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Receptacles | (8) C13; (1) C19 |
| Included Output Power Cables | Includes 3 C13 to C14 output power cables |
| Load Management Receptacles | Three switchable two-outlet C13 load banks |
| Output Circuit Breakers | 10A (x2) - each breaker protects 4 C13 outlets, C19 outlet is unbreakered |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| INPUT | |



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

| | |
|--|---|
| 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 |
| Input Circuit Breakers | 20A |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 4 min. (2250w) |
| Half Load Runtime (min.) | 11 min. (1125w) |
| Expandable Battery Runtime | Extended runtime supported via optional external battery packs |
| External Battery Pack Compatibility | BP48V24-2U (limit 1); BP48V60RT-3U (multi-pack compatible) |
| DC System Voltage (VDC) | 48 |
| Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | RBC94-2U |
| Battery Access | Front panel battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | Yes |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 151 to 282 |
| Overvoltage Correction | Input voltages between 245 and 282 are reduced by 12% |
| Undervoltage Correction | Input voltages between 181 and 199 are boosted by 12% |
| Severe Undervoltage Correction | Input voltages between 151 and 180 are boosted by 24% |
| USER INTERFACE, ALERTS & CONTROLS | |
| 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, overload and low-battery conditions |
| LED Indicators | 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 480 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |



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

| PHYSICAL | |
|---|---|
| Installation Form Factors Supported with Included Accessories | 4 post 19 inch rackmount |
| Installation Form Factors Supported with Optional Accessories | 2 post rackmount(2POSTRMKITWM); Wallmount(2POSTRMKITWM); Tower(2-9USTAND) |
| Primary Form Factor | Rackmount |
| UPS Power Module Dimensions (hwd, in.) | 3.5 x 17.5 x 19 |
| UPS Power Module Dimensions (hwd, cm) | 8.9 x 44.4 x 48.3 |
| Rack Height (U Spaces) | 2 |
| UPS Power Module Weight (lbs.) | 64 |
| UPS Power Module Weight (kg) | 29.03 |
| UPS Shipping Dimensions (hwd / in.) | 9 x 23.5 x 20 |
| UPS Shipping Dimensions (hwd / cm) | 22.9 x 59.7 x 50.8 |
| Shipping Weight (lbs.) | 72 |
| Shipping Weight (kg) | 32.7 |
| Cooling Method | Fan |
| UPS Housing Material | Steel |
| Primary UPS Height (mm) | 89 |
| Primary UPS Width (mm) | 444 |
| Primary UPS Depth (mm) | 483 |
| Shipping Height (mm) | 229 |
| Shipping Width (mm) | 597 |
| Shipping Depth (mm) | 508 |
| 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) | 236.6 |
| Battery Mode BTU / Hr. (Full Load) | 1245.3 |
| AC Mode Efficiency Rating (100% Load) | 97% |
| COMMUNICATIONS | |
| Communications Interface | USB (HID enabled); DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface |



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

| | |
|---|---|
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions; 1 USB port, 1 DB9 serial and 1 SNMP accessory slot. |
| PowerAlert Software | Included |
| Communications Cable | USB and DB9 and EPO 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) | 151 |
| High Voltage Transfer to Battery Power (Setpoint) | 282 |
| SPECIAL FEATURES | |
| Grounding Lug | Back panel grounding lug |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS; Individually controllable load banks |
| CERTIFICATIONS | |
| UPS Certifications | Tested to UL1778 (USA); CE; Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); TAA Compliant |
| UPS Certification Details | CE / IEC 62040 |
| 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 |

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Tripp Lite:](#)

[SMX3000RT2UTAA](#)