

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 poweroff 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

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



- Supports 2U rackmount installation in 4 post equipment racks, 2 post rackmount installation requires 2POSTRMKITWM, upright tower installation requires 2-9USTAND 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)
- 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

| _ | | | |
|------------------------------------|---|--|--|
| OVERVIEW | | | |
| UPC Code | 037332153364 | | |
| UPS Type | Line-Interactive | | |
| INPUT | | | |
| 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 | | |
| OUTPUT | | | |
| Output Capacity (VA) | 3000 | | |
| Output Capacity (kVA) | 3 | | |
| Output Capacity (Watts) | 2250 | | |



| Output Capacity (RW) 2.2 Power Factor 0.8 Nominal Voltage Details 2.30 v nominal inverter output voltage Frequency Compatibility 50 / 80 Hz Output Voltage Regulation (Line Mode) -15%, +8% Output Voltage Regulation (Battery Mode) -15%, +8% Load Management Receptacles Included Output Power cables Load Management Receptacles 10A (x2) - each breaker protects 4 C13 outlets, C19 outlet is unbreakered 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) Pute Sine wave Nominal Output Voltage(8) 2001; 230V; 240V Supported 2001; 230V; 240V Output AC Receptacles (8) C13; (1) C19 Individually Controllable Load Banks No **** Part *** P | | | | |
|--|--|---|-------------------------|----|
| Nominal Voltage Details 230v nominal inverter output voltage | Output Capacity (kW) | 2.2 | | |
| Frequency Compatibility 50 / 60 Hz Output Voltage Regulation (Line 15%, +8% Output Voltage Regulation (Battery Mode) Included Output Power Cables Included Output Receptacles Index Management Receptacles Index Waveform (AC Mode) Sine wave Output AC Waveform (Battery Pure Sine wave Output AC Waveform (Battery Pure Sine wave Output Receptacles (8) C13: (1) C19 Individually Controllable Load Banks No BATTERY Runtine Full Load (min.) 4 min. (2250w) Runtine Half Load (min.) 4 min. (2250w) Runtine Half Load (min.) 5 thins. (2450w) Runtine Half Load (min.) 5 thins. (2450w) Runtine Half Load (min.) 6 thins. (2450w) Runtine Pattery Pack Compatibility Cabling-select-UPS-Systems-BP48V24-2U-Sa-Rabsp; (limit 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-Sa-Rabsp; (limit 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-Sa-Rabsp; (mint 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-Sa-Rabsp; (mint 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-Sa-Rabsp; (mint 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V26RT-3U-Sa-Rabsp; (mint 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V26RT-3U-Sa-Rabsp; (mint 1); 8nbsp:ca class="product.link" hrefs-//ripplite-aston.com | Power Factor | 0.8 | | |
| Output Voitage Regulation (Line Mode) At 15%, +8% Included Output Power Cables Included Output Receptacles Three switchable two-outlet C13 load banks Output Circuit Breakers Output Circuit Breakers Output AC Waveform (AC Mode) Sine wave Output AC Waveform (AC Mode) Output AC Waveform (Battery Pure Sine wave A min (2250w) | Nominal Voltage Details | 230v nominal inverter output voltage | | |
| Mode) 1 103. Feb. Output Voltage Regulation (Battery Mode) 1.03. Feb. Included Output Power Cables 1.04. Author Mode) 1.04. Au | Frequency Compatibility | 50 / 60 Hz | | |
| Included Output Power Cables Includes 3 C13 to C14 output power cables Included Dutput Power Cables Includes 3 C13 to C14 output AC Waveform (Reattery Includes 3 C13 to C14 output AC Waveform (AC Mode) Included AC Waveform (Battery Pure Sine wave Included AC Waveform (Battery Pure Sine wave Included In | | -15%, +8% | | |
| Three switchable two-oulet C13 load banks | | +/- 5% | | |
| Output AC Waveform (AC Mode) Sine wave Output AC Waveform (AC Mode) Sine wave Output AC Waveform (Battery Mode) Pure Sine wave Output AC Waveform (Battery Mode) Pure Sine wave Output AC Waveform (Battery Mode) Output AC Waveform (Battery Mode) 220V; 230V; 240V Output Receptacles (8) C13; (1) C19 Individually Controllable Load Banks No BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Half Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility Singles, a class="productLink" href="//ripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-Sp84V24-2U-Sp | Included Output Power Cables | Includes 3 C13 to C14 output power cables | | |
| Output AC Waveform (AC Mode) Sine wave Output AC Waveform (Battery Mode) Pure Sine wave 2007: 2307: 2407 Output Receptacles (8) C13: (1) C19 Individually Controllable Load Banks No BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Half Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility Anbsp:-a class="productLink" href="//fripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Sind-select-UPS-Systems-BP48V24-2U-sa-8nbsp; (limit 1); :-a class=-productLink" href="//fripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V4-2U-sa-8nbsp; (limit 1); :-a class=-productLink" href="//fripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-sa-8nbsp; (limit 1); :-a class=-productLink" href="//fripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-sa-8nbsp; (multi-pack compatible) DC System Voltage (VDC) 48 Battery Recharge Rate (Included Less than 4.5 hours from 10% to 90% Battery Access Front panel battery access door Internal LIPS Replacement Battery :-a class="productLink" href="//fripplite.eaton.com/ZU-UPS-Replacement-48VDC-Battery-Cartridge-1-set-4-select-Tripp-Lite-SmartPro-UPS-RBC94-2U-s-8nbsp; Battery Access Front panel battery access door Internal LIPS Replacement Description Hot-swappable, user replaceable batteries 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 181 and 199 are boosted by 12% | Load Management Receptacles | Three switchable two-outlet C13 load banks | | |
| Output AC Waveform (Battery Mode) Pure Sine wave Nominal Output Voltage(s) supported 220V; 230V; 240V Output Receptacles (8) C13; (1) C19 Individually Controllable Load Banks No BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Half Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility .>ca class="productLink" href="//ripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-SBP48V24-2U-SBP48V24-2U-Sa-Anbsp; (limit 1); .ca class="productLink" href="//ripplite.eaton.com/External-48V-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-SBP48V24-2U-SB-Anbsp; (multi-pack compatible) DC System Voltage (VDC) 48 Battery Recharge Rate (Included Batteries) Less than 4.5 hours from 10% to 90% Battery Access Front panel battery access door Internal UPS Replacement Battery enlaps-ca class="productLink" href="//tripplite.eaton.com/ZU-UPS-Replacement-48VDC-Battery-Cartridge-1-set-4- | Output Circuit Breakers | 10A (x2) - each breaker protects 4 C13 outlets, C19 outlet is unbreakered | | |
| Nominal Output Voltage(s) Supported 220V; 230V; 240V Output Receptacles (8) C13; (1) C19 Individually Controllable Load Banks No BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Full Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility Cabling-select-UPS-Systems-BP48V24-2U-SBP48V24-2U-Sa-Anbsp; (limit 1); -a class="productLink" href="//tripplite eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-Sa-Anbsp; (multi-pack compatible) DC System Voltage (VDC) 48 Battery Recharge Rate (Included Batteries) External UPS Replacement Battery Front panel battery access door Internal UPS Replacement Battery Front panel battery access door Internal UPS Replacement Description Hot-swappable, user replaceable batteries VOLTAGE REGULATION Voltage Regulation Description Input voltages between 181 and 199 are boosted by 12% Undervoltage Correction Input voltages between 181 and 199 are boosted by 12% | Output AC Waveform (AC Mode) | Sine wave | | |
| Output Receptacles (8) C13; (1) C19 Individually Controllable Load Banks No BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Full Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility 8 mbsp; ca class="productLink" href="//ripplite action.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-SeP48V24-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-SeP48V24-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-SeP48V24-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-SeP48V6RT-3U-SeP48V24-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-SeP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-SeP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-SeP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V6RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery | | Pure Sine wave | | |
| BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Half Load (min.) 11 min. (1125w) Expandable Runtime Yes Substantial Battery Pack Compatibility 4 min. (2250w) External Battery Pack Compatibility 2 min. (2250w) External Battery Pack Compatibility 3 min. (2250w) External Battery Pack Compatibility 4 min. (2250w) External Battery Pack Compatibility 3 min. (2250w) External Battery Pack Compatibility 4 min. (2250w) External Battery Pack Compatibility 4 min. (2250w) External Battery Pack Compatibility 5 min. (2250w) External Battery Pack Compatibility 6 min. (2250w) Exte | Nominal Output Voltage(s) Supported | 220V; 230V; 240V | | |
| BATTERY Runtime Full Load (min.) 4 min. (2250w) Runtime Half Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility 7 september 19 septemb | Output Receptacles | (8) C13; (1) C19 | | |
| Runtime Full Load (min.) Runtime Half Load (min.) 11 min. (1125w) Expandable Runtime Yes External Battery Pack Compatibility Anbsp-ca class="productLink" href="//rripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U's-BP48V24-2U'ca> p: (limit 1); -ca class="productLink" href="//rripplite_eaton.com/External-48V-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U's-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U's-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U's-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-s | Individually Controllable Load Banks | No | | |
| Runtime Half Load (min.) Expandable Runtime Yes External Battery Pack Compatibility & https://dabling-select-UPS-Systems-BP48V24-2U/-sBP48V24-2U-/as- (limit 1); -ca class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-/sBP48V24-2U-/as- (limit 1); -ca class="productLink" href="//tripplite.eaton.com/External-48V-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U*-SBP48V60RT- | BATTERY | | | |
| Expandable Runtime Yes External Battery Pack Compatibility BP48V24-2U-/a> (limit 1); BP48V60RT-3U" | Runtime Full Load (min.) | 4 min. (2250w) | | |
| External Battery Pack Compatibility November 1978 New Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U">November 1978 New Pack-Enclosure-DC-Cabling-Select-UPS-Select | Runtime Half Load (min.) | 11 min. (1125w) | | |
| Cabling-select-UPS-Systems-BP48V24-2U-/a>- (limit 1); -a class="productLink" href="/tripplite.eaton.com/External-48V-3U-/a>- (multi-pack compatible) DC System Voltage (VDC) 48 Battery Recharge Rate (Included Batteries) East than 4.5 hours from 10% to 90% Battery Access Front panel battery access door Internal UPS Replacement Battery & -a class="productLink" href="/tripplite.eaton.com/2U-UPS-Replacement-48VDC-Battery-Cartridge-1-set-4-select-Tripp-Lite-SmartPro-UPS-RBC94-2U">-RBC94-2U">-RBC94-2U">-RBC94-2U"/a>- Battery Replacement Description Hot-swappable, user replaceable batteries 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 181 and 199 are boosted by 12% | Expandable Runtime | Yes | | |
| Battery Recharge Rate (Included Batteries) Less than 4.5 hours from 10% to 90% Battery Access Front panel battery access door Internal UPS Replacement Battery & Shapp; RBC94-2U"RBC94-2U"RBC94-2U"RBC94-2U"RBC94-2U"RBC94-2U"RBC94-2U"<td>External Battery Pack Compatibility</td><td>Cabling-select-UPS-Systems~BP48V24-2U">BP48V24-2U</td> (limit 1); -RBC94-2U">-RBC94-2U">-RBC94-2U">-RBC94-2U">-RBC94-2U">-RBC94-2U">-RBC94-2U">-RBC94-2U Battery Replacement Description Hot-swappable, user replaceable batteries 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% | External Battery Pack Compatibility | Cabling-select-UPS-Systems~BP48V24-2U">BP48V24-2U | DC System Voltage (VDC) | 48 |
| Internal UPS Replacement Battery Cartridge RBC94-2U"RBC94-2U"RBC94-2U"<td>Battery Recharge Rate (Included Batteries)</td><td>Less than 4.5 hours from 10% to 90%</td> | Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90% | | |
| Cartridge select-Tripp-Lite-SmartPro-UPS~RBC94-2U">RBC94-2U Battery Replacement Description Hot-swappable, user replaceable batteries 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% | Battery Access | Front panel battery access door | | |
| 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% | | RBC94-2U | | |
| 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% | Battery Replacement Description | Hot-swappable, user replaceable batteries | | |
| Overvoltage Correction Input voltages between 245 and 282 are reduced by 12% Undervoltage Correction Input voltages between 181 and 199 are boosted by 12% | VOLTAGE REGULATION | | | |
| Undervoltage Correction Input voltages between 181 and 199 are boosted by 12% | 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% | | |
| Severe Undervoltage Correction Input voltages between 151 and 180 are boosted by 24% | 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% | | |



| 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 |
| PHYSICAL | |
| Primary Form Factor | Rackmount |
| Rack Height | 2U |
| Cooling Method | Fan |
| 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">2-9USTAND">2-9USTAND) |
| Primary UPS Depth (mm) | 483 |
| Primary UPS Height (mm) | 89 |
| Primary UPS Width (mm) | 445 |
| Shipping Dimensions (hwd / in.) | 9.00 x 23.50 x 20.00 |
| Shipping Dimensions (hwd / cm) | 22.86 x 59.69 x 50.80 |
| Shipping Weight (lbs.) | 72.60 |
| Shipping Weight (kg) | 32.93 |
| UPS Housing Material | Steel |
| UPS Power Module Dimensions (hwd, cm) | 8.89 x 44.45 x 48.26 |
| UPS Power Module Dimensions (hwd, in.) | 3.5 x 17.5 x 19 |
| UPS Power Module Weight (kg) | 29.03 |
| UPS Power Module Weight (lbs.) | 64 |



| 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 | | |
| 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 | |
| Communications Interface | USB (HID enabled); DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface | |
| LINE / BATTERY TRANSFER | | |
| Transfer Time | 2-4 milliseconds | |
| Low Voltage Transfer to Battery Power (Setpoint) | 151 | |
| High Voltage Transfer to Battery Power (Setpoint) | 282 | |
| FEATURES & SPECIFICATIONS | | |
| 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 | |
| Grounding Lug | Back panel grounding lug | |
| WARRANTY & SUPPORT | | |
| Product Warranty Period (International) | 2-year limited warranty | |
| Product Warranty Period (Mexico) | 2-year limited warranty | |
| Product Warranty Period (Puerto Rico) | 2-year limited warranty | |







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