

SmartPro 120V 3kVA 2.25kW Line-Interactive Sine Wave UPS, Tower, Network Card Options, USB, DB9 Serial

MODEL NUMBER: **SMART3000SLT**



Description

3000VA line-interactive tower UPS system for server, networking and telecommunications equipment. Upright tower form factor. Offers sine wave 120V nominal output in both AC and battery modes. Switches to battery-derived AC output during power failures and extreme voltage variations. Line-interactive automatic voltage regulation (AVR) provides voltage boost/cut during brownouts/overvoltages to maintain regulated 120V nominal output over an input voltage range of 83-145V. Includes NEMA L5-30P input plug and 7 UPS-supported output receptacles (6 x 5-15/20R, 1 x L5-30R). Network-grade AC surge and noise suppression. Network management interfaces support simultaneous communications via USB port, DB9 serial port and installed Network Management Card. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Supports simultaneous detailed monitoring of equipment load levels, self-test data and utility power conditions via all three network interfaces. PowerAlert power management software is available via free download. Three-stage metered current monitoring and battery charge status LEDs. Utility power and voltage regulation, and battery warning LEDs. Audible alarm. Self-test. Field-replaceable, hot-swappable internal batteries. Attractive all-black color scheme.

Features

- SmartPro line-interactive UPS system is ideal for voice, data, medical and industrial networking applications
- Line-interactive voltage regulation maintains selectable 120V nominal output during brownouts as low as 83V and overvoltages to 145V
- Enables continuous operation through blackouts, voltage fluctuations and surges
- Line-interactive automatic voltage regulation (AVR) provides 12% and 24% voltage boost during brownouts and a 12% voltage cut during overvoltages

Highlights

- 3kVA / 3000VA line interactive tower UPS; Sine wave output
- 120V nominal output during brownouts to 83 and overvoltages to 145V
- USB, RS232, EPO and Network Management Card options
- Front panel status LEDs with detailed load and battery capacity display
- NEMA L5-30P input; 6 NEMA 5-15/20R & 1 L5-30R outlets

Package Includes

- SMART3000SLT UPS System
- USB & DB9 Cables
- Owner's manual



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

- Standard internal battery set offers 9 min. runtime at half load (1125W) and 3.5 min. at full load (2250W)
- Intelligent battery management system extends battery life
- Space-saving upright tower format
- Built-in USB, RS-232 and slot for Network Management Card option; Compatible with Tripp Lite UPS management card options WEBCARDLX, RELAYIOCARD and SNMPWEBCARD
- 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 www.tripplite.com/poweralert
- UPS interface supports on-battery, low-battery, power-restored, AC-voltage, DC-voltage, output current monitoring, battery charge current, battery capacity, timed inverter shutoff, activate self-test and output power control
- NEMA L5-30P input plug/6 x NEMA 5-15/20R and 1 x NEMA L5-30R output receptacles
- Front panel LEDs provide current monitoring, voltage regulation, battery charge level and battery warning information
- UPS ships fully assembled in full compliance with DOT regulations; no time-consuming connection of internal batteries by user required

Specifications

| OVERVIEW | |
|------------------------------------|------------------|
| UPC Code | 037332125767 |
| UPS Type | Line-Interactive |
| INPUT | |
| Rated input current (Maximum Load) | 20A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | L5-30P |
| Input Circuit Breakers | 30A |
| UPS Input Cord Length (ft.) | 10 |
| UPS Input Cord Length (m) | 3.1 |
| Recommended Electrical Service | 30A 120V |
| Input Phase | Single-Phase |
| OUTPUT | |
| Output Volt Amp Capacity (VA) | 3000 |
| Output kVA Capacity (kVA) | 3 |



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

| | |
|--|--|
| Output Watt Capacity (Watts) | 2250 |
| Output kW Capacity (kW) | 2.25 |
| Power Factor | 0.8 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Line Mode) | -18% / +8% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Circuit Breakers | 20A branch rated (x2) - each breaker protects 3 5-15/20R outlets, L5-30R is unbreakered |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (6) 5-15/20R; (1) L5-30R |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Full Load Runtime (min.) | 3.5 min. (2250w) |
| Half Load Runtime (min.) | 9 min. (1125w) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 48 |
| Battery Recharge Rate (Included Batteries) | Less than 4.5 hours from 10% to 90% (typical, full load discharge) |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | RBC54 |
| 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 83 to 145 |
| Overvoltage Correction | Input voltages between 127 and 145 are reduced by 12%; Voltage setpoints ±5% tolerance |
| Undervoltage Correction | Input voltages between 96 and 108V are boosted by 12%; Voltage setpoints ±5% tolerance |
| Severe Undervoltage Correction | Input voltages between 83 and 95V are boosted by 24%; Voltage setpoints ±5% tolerance |
| USER INTERFACE, ALERTS & CONTROLS | |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |



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

| | |
|---|--|
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch |
| Audible Alarm | Audible alarm indicates power failure and overload conditions |
| LED Indicators | 9 LEDs indicate line power, battery power, AVR, overload and replace battery status - with a 3-LED level meter for load and battery charge level |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 570 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Cooling Method | Fan |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary Form Factor | Tower |
| Primary UPS Depth (mm) | 318 |
| Primary UPS Height (mm) | 267 |
| Primary UPS Width (mm) | 226 |
| Shipping Dimensions (hwd / cm) | 38.86 x 45.21 x 34.80 |
| Shipping Dimensions (hwd / in.) | 15.30 x 17.80 x 13.70 |
| Shipping Weight (kg) | 34.25 |
| Shipping Weight (lbs.) | 75.50 |
| UPS Housing Material | Steel |
| UPS Power Module Dimensions (hwd, cm) | 26.67 x 22.61 x 31.75 |
| UPS Power Module Dimensions (hwd, in.) | 10.5 x 8.9 x 12.5 |
| UPS Power Module Weight (kg) | 25.85 |
| UPS Power Module Weight (lbs.) | 57 |
| 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) | 320 |
| Battery Mode BTU / Hr. (Full Load) | 1251 |
| AC Mode Efficiency Rating (100% Load) | 96% |



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

| | |
|---|--|
| Audible Noise | Audible Noise < 50 dBA at Front Side 1 Meter |
| COMMUNICATIONS | |
| Network Management Cards | SNMPWEBCARD ; WEBCARDLX ; RELAYIOCARD ; |
| Network Monitoring Port Description | 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 https://www.tripplite.com/poweralert |
| Communications Cable | USB and DB9 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 | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 83 |
| High Voltage Transfer to Battery Power (Setpoint) | 145 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Auto Probe Monitoring (requires WEBCARDLX); Automatic Voltage Regulation (AVR); Hot swappable batteries; Remote management; Sine wave output; Surge/noise protection |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| STANDARDS & COMPLIANCE | |
| UPS Certifications | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI) |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year warranty, 3 year with registration. Note: Registration is required ;for 3-year warranty. |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance ; |

© 2021 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:](#)

[SMART3000SLT](#)