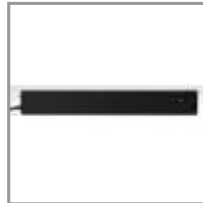


120V 3000VA 2700W On-Line Double-Conversion UPS, Network Card Option, TAA-Compliant, 2U

MODEL NUMBER: SU3000RTXLCDTAA



3kVA UPS protects connected equipment against damage and downtime due to blackouts, brownouts, surges and line noise.

Features

Protects Mission-Critical Rack-Mounted Equipment against Damage, Downtime and Data Loss This 3000VA UPS system protects connected equipment against equipment damage, downtime and data loss due to power outages, voltage fluctuations and transient surges. Featuring a 2700W capacity, high 0.9 power factor, true on-line operation with pure sine wave output and zero transfer time to battery, the SU3000RTXLCDTAA provides the highest level of battery backup and AC power protection for critical server, network and telecom equipment.

Reliable, Expandable Battery Backup UPS battery backup keeps connected equipment operational through short power failures, and provides time to save data and perform an orderly system shutdown in case of a prolonged blackout. The internal battery set provides 11.3 minutes of support at half load and 4.1 minutes at full load. During normal operation, incoming utility power keeps the battery fully charged so backup power will be available when needed. For mission-critical applications demanding continuous uptime, the fully scalable 3kVA UPS can provide expandable runtime with optional external battery packs, such as BP72V18-2USTAA (sold separately). A battery-independent restart ensures automatic UPS power-up after lengthy power outages, even with expired batteries.

High Efficiency Helps the Environment and Your Cash Flow Operating with a high 98% efficiency in optional economy mode, this 3000VA UPS system can save BTU heat output and energy costs.

8 Outlets in Dual Switchable Load Banks for Remote Control Four NEMA 5-15R and four NEMA 5-15/20R outlets are divided into two switchable breakered load banks. Each numbered load bank may be individually powered on and off remotely to reset or reboot connected equipment. This UPS system also features one non-breakered NEMA L5-30R outlet.

Intuitive Front-Panel LCD Interface Operating the UPS system and monitoring connected equipment is easy with this interactive LCD screen. It reports operating mode and nine selectable data screens, including load, voltage and battery information. It also gives you 16 screens worth of configuration and setup options.

Optional WEBCARDLX Network Interface Offers 24/7 Access An accessory slot accommodates the optional Java-free HTML5-based WEBCARDLX interface, which enables full remote access for site power and UPS status monitoring, configuration, control and email notifications via secure web browser, SNMP,

Highlights

- Zero transfer time between AC power and battery for uninterrupted operation
- 570 joules protect connected devices from damaging power surges and spikes
- Optional external batteries provide additional runtime for essential applications
- Interactive LCD screen delivers detailed status, preset and control options
- Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- To use the Auto Probe feature, this product requires a WEBCARDLX network interface (sold separately) running LX firmware update 15.5.2 or later

Applications

- Deliver perfectly regulated sine wave output to mission-critical equipment
- Protect connected components from dangerous surges, spikes and line noise
- Keep equipment operational through short power failures
- Allow time to save data and safely shut down components in case of a prolonged blackout

Package Includes

- SU3000RTXLCDTAA SmartOnline 120V 3kVA TAA-Compliant UPS
- USB cable
- DB9 cable
- EPO cable
- Rack-mounting hardware
- Owner's manual

telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Automated alerts help prevent accidental overloads, power loss and downtime.

Advanced Communications Ports USB and DB9 ports (cables are included) enable data-saving unattended shutdown when used with free downloadable PowerAlert® software. Capabilities include UPS and line power status messaging, timed inverter shutoff after unattended shutdown, and UPS output power control for delayed or immediate reboot of connected devices.

Versatile Installation Options Hardware is included for mounting the 3kVA UPS system in 2U of space in an EIA-standard 19-inch 4-post rack. Use the optional 2POSTRMKITWM for 2-post rack mounting or wall mounting. Use the optional 2-9USTAND for mounting in an upright tower position.

TAA-Compliant for GSA Schedule Purchases The SU3000RTXLCDTAA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Specifications

| OVERVIEW | |
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| UPC Code | 037332230935 |
| UPS Type | On-Line |
| INPUT | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 24A |
| Nominal Input Voltage(s) Supported | 100V AC; 110V AC; 115V AC; 120V AC; 127V AC |
| Nominal Input Voltage Description | 120V factory default |
| UPS Input Connection Type | L5-30P |
| Input Circuit Breakers | 40A |
| UPS Input Cord Length (ft.) | 10 |
| UPS Input Cord Length (m) | 3.1 |
| Recommended Electrical Service | 30A 120V |
| OUTPUT | |
| Output Capacity (VA) | 3000 |
| Output Capacity (kVA) | 3 |
| Output Capacity (Watts) | 2700 |
| Output Capacity (kW) | 2.70 |
| Output Capacity Details | <p>ON LINE MODE: Maximum output capacity is reduced to 2430W (115V), 2295W (110V) and 2160W (100V); FREQUENCY REGULATION / CONVERSION MODE: Maximum output ratings are reduced in frequency regulation / conversion mode (127/120V 1890 watts / 115V 1701 watts / 110V 1606 watts / 100V 1512 watts).</p> <p>OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% load for 3 minutes; 150% load for 30 seconds and >150% load for 0.5 seconds before switching to BYPASS (when bypass input voltage and frequency are WITHIN bypass limits) or SHUTDOWN (when bypass input voltage or frequency are OUTSIDE bypass limits)</p> |

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| Power Factor | 0.9 |
| Crest Factor | 3:1 |
| Nominal Voltage Details | 120V factory-default nominal voltage |
| Frequency Compatibility | 50 / 60 Hz; Supports 50 to 60 Hz and 60 to 50 Hz conversion |
| Frequency Compatibility Details | ON LINE MODE: Output frequency is automatically configured to match nominal input frequency on startup; Output matches input frequency when +/-5Hz of nominal; Output is regulated to +/-0.05Hz when input frequency exceeds +/-5Hz of nominal. UPS switches to battery mode when input frequency is below 40Hz or above 70Hz. FREQUENCY REGULATION / CONVERSION MODE: Output is regulated to +/-0.05Hz of selected output frequency input is 40 to 70Hz; UPS switches to battery mode when input frequency is below 40Hz or above 70Hz. BATTERY MODE: Output is regulated to +/-0.05Hz. |
| Output Voltage Regulation (Line Mode) | +/- 2% |
| Output Voltage Regulation (Economy Line Mode) | +/- 10% |
| Output Voltage Regulation (Battery Mode) | +/- 3% |
| Load Management Receptacles | Two switchable four-outlet load banks |
| Output AC Waveform (AC Mode) | Pure Sine wave |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| Nominal Output Voltage(s) Supported | 100V; 110V; 115V; 120V; 127V |
| Output Receptacles | (4) 5-15R; (4) 5-15/20R; (1) L5-30R |
| Individually Controllable Load Banks | Yes |
| BATTERY | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 4.1 min. (2700W) |
| Runtime Half Load (min.) | 11.3 min. (1350W) |
| Expandable Runtime | Yes |
| Expandable Runtime Description | Some external battery configurations require the use of Tripp Lite's External Battery Configuration Software, see manual for details |
| External Battery Pack Compatibility | BP72V18-2USTAA (multi-pack compatible) |
| DC System Voltage (VDC) | 72 |
| Battery Recharge Rate (Included Batteries) | Less than 3 hours recharge to 90% (typical, full load discharge) |
| Battery Access | Front panel battery access |
| Internal UPS Replacement Battery Cartridge | RBC72S |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| VOLTAGE REGULATION | |

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| Voltage Regulation Description | Online, double-conversion power conditioning maintains 2% output voltage regulation during brownouts and overvoltages |
| Overvoltage Correction | Corrects overvoltages to 150V (0-100% load) |
| Undervoltage Correction | Corrects undervoltages to 90V at full load (90V at 100V nominal) |
| Severe Undervoltage Correction | Corrects brownouts to 70V (70% load) & 55V (33% load) |
| USER INTERFACE, ALERTS & CONTROLS | |
| 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, frequency, operating mode, alarm function and a variety of additional options |
| Switches | 2 switches control off/on power status and alarm-cancel operation; 2 additional scroll-down and scroll-up / select options enable LCD status viewing and configuration options |
| 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 |
| LED Indicators | 7 front panel LEDs indicate line power availability, AC to DC conversion, battery mode operation, inverter mode, eco mode operation, bypass mode operation and AC output status |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 570 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Primary Form Factor | Rackmount |
| Rack Height | 2U |
| Cooling Method | Fan |
| Included Mounting Accessory Description | Includes 4 post rackmount installation accessories |
| Installation Form Factors Supported with Included Accessories | 4 post 19 inch rackmount |
| Installation Form Factors Supported with Optional Accessories | 2 post rackmount (2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM); 2-4 post front rail rackmount (Heavy-Duty-2-post-Front-Mounting-Ear-Kit-UPSHDEARKIT); Tower (2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND); Wallmount (2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM); |
| Minimum Required Rack Depth (cm) | 73.66 |
| Minimum Required Rack Depth (inches) | 29 |
| Minimum Required Rack Depth with External Battery Pack (cm) | 80 |
| Minimum Required Rack Depth with External Battery Pack (in.) | 31.5 |

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| Minimum Required Rack Depth without External Battery Pack (cm) | 79 |
| Minimum Required Rack Depth without External Battery Pack (in.) | 31 |
| Primary UPS Depth (mm) | 648 |
| Primary UPS Height (mm) | 86 |
| Primary UPS Width (mm) | 439 |
| Shipping Dimensions (hwd / in.) | 9.10 x 24.10 x 39.50 |
| Shipping Dimensions (hwd / cm) | 23.11 x 61.21 x 100.33 |
| Shipping Weight (lbs.) | 88.00 |
| Shipping Weight (kg) | 39.92 |
| UPS Housing Material | Steel |
| UPS Power Module Dimensions (hwd, cm) | 8.64 x 43.94 x 64.77 |
| UPS Power Module Dimensions (hwd, in.) | 3.40 x 17.30 x 25.50 |
| UPS Power Module Weight (kg) | 32.21 |
| UPS Power Module Weight (lbs.) | 71 |
| Unit Weight (lbs.) | 70.500 |
| Unit Weight (kg) | 31.98 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | 5° to 122°F (-15° to 50°C) |
| Relative Humidity | Up to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 801 |
| AC Economy Mode BTU / Hr. (Full Load) | 188 |
| AC Economy Mode Efficiency Rating (100% Load) | 98% |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 1626 |
| Audible Noise | 50 dBA at 1m front side |
| Operating Elevation (m) | Up to 3000m |
| COMMUNICATIONS | |
| Network Management Cards | SNMPWEBCARD; TLNETCARD ; WEBCARDLX; MODBUSCARD ; RELAYIOCARD |

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| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions; DB9 port supports RS232 and contact closure communications |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert |
| Communications Cable | USB and DB9 cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network Management Card Description | Network management card optional |
| Communications Interface | Contact closure; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | Zero (0 milliseconds) in double-conversion mode; 4 milliseconds economy mode |
| Low Voltage Transfer to Battery Power (Setpoint) | 55V at 33% load, 70V at 70% load, 100V at 100% load (90V full load at 100V nominal setting) |
| High Voltage Transfer to Battery Power (Setpoint) | 150 |
| FEATURES & SPECIFICATIONS | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Auto Probe Monitoring and Reboot (requires WEBCARDLX); Automatic inverter bypass; Hot swappable batteries; Remote management; Surge/noise protection; Zero transfer time |
| Green Energy-Saving Features | High efficiency economy mode operation; Individually controllable load banks; Schedulable daily hours of economy mode operation |
| APPLICATIONS | |
| UPS Applications | Mission Critical Applications |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); UL 1778 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |