

## 208/230V 3000VA 2.7kW Double-Conversion UPS - 10 Outlets, Extended Run, Card Slot, LCD, USB, DB9, 2U

MODEL NUMBER: **SUINT3000LCD2U**



On-line double-conversion UPS provides pure sine wave AC output to server and network equipment in data centers and computer rooms.

### Features

#### Double-Conversion UPS Protects Equipment against Damage, Downtime and Data Loss

This 200/208/220/230/240V 50/60 Hz UPS system maintains perfect output by converting AC input to DC, then reconverting UPS output to fully regulated sine wave AC with +/-2% voltage regulation in online and battery modes. Featuring a 2700W capacity, high 0.9 power factor, 570 joules of surge suppression, true on-line operation with pure sine wave output and zero transfer time to battery mode in on-line double-conversion mode, the SmartOnline® SUINT3000LCD2U double-conversion UPS provides the highest level of AC power protection and battery backup for critical network closet, computer room and data center equipment.

#### Set Power Strategies to Reflect Your Protection Priorities

Pick your power strategy, from precise power for sensitive systems to the highest possible electrical efficiency, while ensuring 100% uptime. Choose from five selectable strategies: Max Efficiency, Max Quality, Frequency Regulation, Frequency Conversion and Auto Adaptive, which automatically offers increased efficiency when power conditions are good and enhanced power quality when power conditions are poor.

#### Individually Controllable Load Banks Let You Access and Control Outlets Remotely

Six C13 and two C19 outlets are split evenly into two switchable load banks, allowing you to reboot select components or shed loads remotely. In addition to those eight outlets, this UPS provides two more C13 outlets in their own unswitched bank for powering critical components.

#### Reliable, Expandable Battery Backup Keeps You Operational Through Power Outages

The field-replaceable, hot-swappable internal battery (RBC72S) provides 13.5 minutes of support at half load (1350W) and five minutes at full load (2700W), keeping protected equipment operational through power failures. For mission-critical applications demanding scalable extended runtime, the UPS supports "smart" external battery packs, such as Tripp Lite's BP72V18-2US (sold separately). Both the internal and external batteries are automatically sensed and configured during replacement to offer accurate runtime-remaining and battery age notifications during outages. The intelligent battery management system with temperature-compensated charging extends battery life.

#### Automatic Bypass Maintains Utility Output During Fault Conditions

Auto-bypass mode keeps connected equipment powered and operational, even during UPS fault conditions.

### Highlights

- Offers network-grade protection against power failures and voltage fluctuations
- Zero transfer time between on-line and battery modes for uninterrupted operation
- Optional external battery packs provide additional runtime for applications requiring it
- Optional WEBCARDLX network interface required to use Auto Probe feature
- ENERGY STAR-certified to save electricity, lower costs, and protect the environment

### 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 power failures
- Allow time to save data and safely shut down components in case of a prolonged blackout

### Package Includes

- SUINT3000LCD2U SmartOnline Double-Conversion UPS
- USB cable
- RS-232 cable
- EPO cable
- C19-to-C20 power cable
- (2) C13-to-C14 power cables
- 4-post rack-mounting hardware



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#### **ENERGY STAR-Certified Economy Mode Helps You Save Money and Protect the Environment**

By meeting strict EPA efficiency guidelines, this ENERGY STAR-certified UPS system helps you save money and energy. A power-saving Economy mode setting option offers enhanced efficiency and reduced BTU output when utility power is already high quality.

#### **Automatically Turns Back On After Power Is Restored**

Battery-independent restart ensures automatic UPS power-up without user interaction after lengthy power outages, even when batteries are expired and require replacement.

#### **Intuitive Front-Panel Interface for Convenient UPS Operation and Monitoring**

The front-panel LCD screen reports UPS operating mode, detailed UPS status and site-power information, as well as a variety of advanced UPS setup and configuration options. LEDs indicate AC input/output, battery and fault status.

#### **Advanced Communications Ports Allow for Automatic Saves and Shutdowns**

RS-232 and HID-compliant USB ports connect to a computer running Tripp Lite's free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. An EPO port connects the UPS to a contact closure switch to enable emergency inverter shutdown. Cables are included.

#### **Optional WEBCARDLX Network Interface Offers 24/7 Access**

The SUIINT3000LCD2U includes a slot for an optional Java-free HTML5-based WEBCARDLX (sold separately) that enables full remote access for site power and UPS status monitoring, configuration, control and email notifications via secure web browser, SNMP, 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. WEBCARDLX 15.5.2 or later is required to use the Auto Probe feature, which can prevent costly service calls by automatically rebooting non-responsive network devices.

#### **Versatile Installation Options**

Hardware is included for mounting the UPS system in 2U of space in an EIA-standard 19-inch 4-post rack. Use the optional 2POSTRMKITWM (sold separately) for 2-post rack mounting or the optional 2-9USTAND (sold separately) for mounting in an upright tower position. The C20 power inlet accepts a variety of user-supplied input cords.

- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332185631
UPS Type	On-Line
INPUT	
Rated input current (Maximum Load)	14.97A
Nominal Input Voltage(s) Supported	200V AC; 208V AC; 220V AC; 230V AC; 240V AC
UPS Input Connection Type	C20 inlet
Input Phase	Single-Phase
OUTPUT	
Output Volt Amp Capacity (VA)	3000

3 / 6



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Internal UPS Replacement Battery Cartridge	&nbsp;<a class="productLink" href="//www.tripplite.com/Replacement-Battery-Cartridge-72V-Tripp-Lite-SmartOnline-UPS-Systems~RBC72S">RBC72S</a>&nbsp;</td></tr><tr><td>Battery Access</td><td>Front panel battery access door</td></tr><tr><td>Battery Replacement Description</td><td>Hot-swappable, replaceable batteries</td></tr><tr><td>Expandable Runtime</td><td>Yes</td></tr><tr><td data-cs="2" data-kind="parent"><b>VOLTAGE REGULATION</b></td><td data-kind="ghost"></td></tr><tr><td>Voltage Regulation Description</td><td>Online, double-conversion power conditioning</td></tr><tr><td>Overvoltage Correction</td><td>2% output voltage regulation during overvoltages to 288</td></tr><tr><td>Undervoltage Correction</td><td>2% output voltage regulation during undervoltages to 160V (100% load), 130V (70% load), 100V (30% load)</td></tr><tr><td data-cs="2" data-kind="parent"><b>USER INTERFACE, ALERTS & CONTROLS</b></td><td data-kind="ghost"></td></tr><tr><td>Front Panel LCD Display</td><td>Interactive front-panel LCD interface reports UPS operating mode, detailed UPS status and site-power information; LCD interface also enables a variety of advanced UPS setup and configuration options</td></tr><tr><td>Switches</td><td>5 front panel switches: On/Off, Up, Down and Escape</td></tr><tr><td>Alarm Cancel Operation</td><td>Power-fail alarm can be silenced by following on-screen prompts</td></tr><tr><td>Audible Alarm</td><td>Audible alarm indicates power failure, low battery, overload and fault</td></tr><tr><td>LED Indicators</td><td>4 front panel LEDs: AC input (green), AC output (green), Battery (yellow), Fault (red)</td></tr><tr><td data-cs="2" data-kind="parent"><b>SURGE / NOISE SUPPRESSION</b></td><td data-kind="ghost"></td></tr><tr><td>UPS Dataline Suppression Details</td><td>Single line dialup / network dataline protection included</td></tr><tr><td>EMI / RFI AC Noise Suppression</td><td>Yes</td></tr><tr><td>AC Suppression Joule Rating</td><td>570</td></tr><tr><td>AC Suppression Response Time</td><td>Instantaneous</td></tr><tr><td data-cs="2" data-kind="parent"><b>PHYSICAL</b></td><td data-kind="ghost"></td></tr><tr><td>Cooling Method</td><td>Fan</td></tr><tr><td>Included Mounting Accessory Description</td><td>4 post installation accessories included</td></tr><tr><td>Installation Form Factors Supported with Included Accessories</td><td>4 post 19 inch rackmount</td></tr><tr><td>Installation Form Factors Supported with Optional Accessories</td><td>2 post rackmount (&nbsp;<a class="productLink" href="//www.tripplite.com/2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM">2POSTRMKITWM</a>&nbsp;); 2-4 post front rail rackmount (&nbsp;<a class="productLink" href="//www.tripplite.com/Heavy-Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT">UPSHDEARKIT</a>&nbsp;); Tower (&nbsp;<a class="productLink" href="//www.tripplite.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND">2-9USTAND</a>&nbsp;)</td></tr><tr><td>Minimum Required Rack Depth with External Battery Pack (cm)</td><td>77</td></tr><tr><td>Minimum Required Rack Depth with External Battery Pack (in.)</td><td>30.25</td></tr><tr><td>Minimum Required Rack Depth without External Battery Pack (cm)</td><td>70</td></tr></table></div><div data-bbox="485 975 511 985" data-label="Page-Footer"><p>4 / 6</p></div>
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Minimum Required Rack Depth without External Battery Pack (in.)	27.75
Primary Form Factor	Rackmount
Primary UPS Depth (mm)	616
Primary UPS Height (mm)	88
Primary UPS Width (mm)	438
Rack Height	2U
Shipping Dimensions (hwd / cm)	24.00 x 59.99 x 76.00
Shipping Dimensions (hwd / in.)	9.45 x 23.62 x 29.92
Shipping Weight (kg)	39.01
Shipping Weight (lbs.)	86.00
UPS Housing Material	Metal
UPS Power Module Dimensions (hwd, cm)	8.79 x 43.79 x 61.60
UPS Power Module Dimensions (hwd, in.)	3.46 x 17.24 x 24.25
UPS Power Module Weight (kg)	31.17
UPS Power Module Weight (lbs.)	68.72
<b>ENVIRONMENTAL</b>	
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	5 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	933
AC Economy Mode BTU / Hr. (Full Load)	485
Battery Mode BTU / Hr. (Full Load)	1399
AC Mode Efficiency Rating (100% Load)	>90%
AC Economy Mode Efficiency Rating (100% Load)	>95%
Audible Noise	<50dB at front side 1M
Operating Elevation (m)	Up to 3000m
<b>COMMUNICATIONS</b>	
Network Management Cards	&nbsp;<a class="productLink" href="//www.tripplite.com/SNMP-Web-Management-Accessory-Card-SmartPro-SmartOnline-UPS-Systems~SNMPWEBCARD">SNMPWEBCARD</a>&nbsp;<a class="productLink" href="//www.tripplite.com/Web-Management-Accessory-Card~WEBCARDLX">WEBCARDLX</a>&nbsp;
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</a>
Communications Cable	USB and DB9 cabling included



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WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Communications Interface	Contact closure; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB (HID enabled)
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	No transfer time (0 ms.) in online, double-conversion mode; 4 ms. transfer time during economy mode operation
Low Voltage Transfer to Battery Power (Setpoint)	160V (100% load), 140V (66% load), 120V (33% load)
High Voltage Transfer to Battery Power (Setpoint)	288V
<b>SPECIAL FEATURES</b>	
Grounding Lug	Back panel grounding lug included
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic inverter bypass; Hot swappable batteries; Auto Probe Monitoring and Reboot (requires WEBCARDLX); Zero transfer time; On-Line/Double-Conversion
Green Energy-Saving Features	High efficiency economy mode operation; Individually controllable load banks
<b>STANDARDS &amp; COMPLIANCE</b>	
UPS Certifications	CE; ENERGY STAR Qualified; Meets FCC Part 15 Category A (EMI); Tested to CSA (Canada); Tested to EAC (Belarus, Kazakhstan, Russia); Tested to SASO (Saudi Arabia); Tested to UL1778 (USA)
UPS Certification Details	Meets EMI approvals IEC62040-2:2006; FCC Part 15
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a class="insuranceLink" href="//www.tripplite.com/support/insurance-policy">Ultimate Lifetime Insurance</a>

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