

208/230V 3000VA 2700W Double-Conversion UPS - 10 Outlets, Extended Run, WEBCARDLX, LCD, USB, DB9, 2U

MODEL NUMBER: SUINT3000LCD2UN



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 LossThis 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 2.7kW 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® SUINT3000LCD2UN 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 PrioritiesPick 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 RemotelySix C13 and two C19 outlets are split 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 OutagesThe fieldreplaceable, 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 BP726V18-2US (sold separately). Both the internal and external batteries are automatically sensed and configured during replacement to offer accurate runtimeremaining 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 ConditionsAuto-bypass mode keeps connected equipment powered and operational, even during UPS fault conditions.

ENERGY STAR-Certified Economy Mode Helps You Save Money and Protect the EnvironmentBy 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

Highlights

- Offers network-grade protection against power failures and voltage fluctuations
- Zero transfer time between online and battery modes for uninterrupted operation
- Optional external battery packs provide additional runtime for applications requiring it
- Included WEBCARDLX network interface allows you 24/7 remote access from anywhere
- 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

- SUINT3000LCD2UN
 SmartOnline Double-Conversion
 UPS
- WEBCARDLX network interface
 card
- USB cable
- RS-232 cable
- EPO cable



require replacement.

Intuitive Front-Panel Interface for Convenient UPS Operation and MonitoringThe 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 ShutdownsRS-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.

WEBCARDLX Network Interface Offers 24/7 Remote Access for Monitoring and ControlThe SUINT3000LCD2UN includes the Java-free HTML5-based WEBCARDLX 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 allows you to use the Auto Probe feature, which can prevent costly service calls by automatically rebooting non-responsive network devices.

Versatile Installation OptionsHardware 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.

- C19-to-C20 power cable
- (2) C13-to-C14 power cables
- 4-post rack-mounting hardware
- Owner's manual

Specifications

OVERVIEW		
UPC Code	037332253583	
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	
Output kVA Capacity (kVA)	3	
Output Watt Capacity (Watts)	2700	
Output kW Capacity (kW)	2.7	
Output Capacity Details	DE-RATING INFORMATION: Max output in Frequency Conversion mode is reduced to 1890 watts for 208/220/230/240V output voltages; Max output is reduced to 2160W at 200V output voltage in all operating modes	
	OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% for 3 minutes, 150% for 30 seconds and >150% 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).	
Power Factor	0.9	
Crest Factor	3:1	
Nominal Voltage Details	Nominal output voltage is user configured on first power-on	



Frequency Compatibility	50 / 60 Hz; Supports 50 to 60 Hz and 60 to 50 Hz conversion
Frequency Compatibility Details	Output frequency matches input nominal on startup; Output capacity de-rates by 30% during frequency conversion operation
Output Voltage Regulation (Line Mode)	+/- 2%
Output Voltage Regulation (Economy Line Mode)	+/- 10%
Output Voltage Regulation (Battery Mode)	+/- 2%
Included Output Power Cables	Includes 2 C13 to C14 and 1 C19 to C20 power cables
Load Management Receptacles	Two switchable 4 outlet load banks (3 C13 and 1 C19 per bank)
Output AC Waveform (AC Mode)	Pure Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	200V; 208V; 220V; 230V; 240V
Output Receptacles	(8) C13; (2) C19
Individually Controllable Load Banks	Yes

BATTERY

DATIENT	
Full Load Runtime (min.)	5 min. (2700w)
Half Load Runtime (min.)	13.5 min. (1350w)
Expandable Battery Runtime	Supports extended runtime with optional external battery packs
External Battery Pack Compatibility	<a class="productLink" href="//</td> External-72V-2U-RackTower-Battery-Pack-for-Select-Tripp-Lite-UPS-Systems~BP72V15-2U">BP72V15-2U">BP72V15-2U href="// External-72V-3U-Rack-Tower-Battery-Pack-Select-Tripp-Lite-UPS-systems~BP72V28RT-3U">BP72V28RT-3U-3U-Rack-Tower-Battery-Pack-Select-Tripp-Lite-UPS-systems~BP72V28RT-3U">BP72V28RT-3U-32 shop; (multi-pack compatible); href="// External-72V-2U-Rack-Tower-Battery-Pack-Select-Tripp-Lite-UPS-systems~BP72V28RT-3U">BP72V28RT-3U-32 Shop; (multi-pack compatible); shop; (multi-pack compatible); href="// External-72V-2U-Rack-Tower-Battery-Pack-for-Tripp-Lite-UPS-Systems~BP72V18-2US">BP72V28RT-3U 2US">BP72V28RT-3U (multi-pack compatible); href="// External-72V-2U-Rack-Tower-Battery-Pack-for-Tripp-Lite-UPS-Systems~BP72V18-2US">BP72V18-2US
DC System Voltage (VDC)	72
Battery Recharge Rate (Included Batteries)	3.0 hours from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	<a class="productLink" href="//
UPS-Systems~RBC72S">RBC72S
Battery Access	Front panel battery access door
Battery Replacement Description	Hot-swappable, replaceable batteries
Expandable Runtime	Yes
VOLTAGE REGULATION	
Voltage Regulation Description	Online, double-conversion power conditioning
Overvoltage Correction	2% output voltage regulation during overvoltages to 288
Undervoltage Correction	2% output voltage regulation during undervoltages to 160V (100% load), 130V (70% load), 100V (30% load)



Front Panel LCD Display	Interactive front-nanel I CD interface reports LIPS operating mode, detailed LIPS statue and site neuror informations
י זטחור דמוופו בטט טוגאומא	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
Switches	5 front panel switches: On/Off, Up, Down and Escape
Alarm Cancel Operation	Power-fail alarm can be silenced by following on-screen prompts
Audible Alarm	Audible alarm indicates power failure, low battery, overload and fault
LED Indicators	4 front panel LEDs: AC input (green), AC output (green), Battery (yellow), Fault (red)
SURGE / NOISE SUPPRESSION	
UPS Dataline Suppression Details	Single line dialup / network dataline protection included
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	570
AC Suppression Response Time	Instantaneous
PHYSICAL	
Cooling Method	Fan
Included Mounting Accessory Description	4 post installation accessories included
Installation Form Factors Supported with Included Accessories	4 post 19 inch rackmount
Installation Form Factors Supported with Optional Accessories	2 post rackmount (<a class="productLink" href="// 2-Post-Rack-Mount-Wall-Mount-Adapter
Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM">2POSTRMKI1 WM); 2-4 post front rail rackmount (<a class="productLink" href="// Heavy-Duty-2-post-Front-Mounting-Ear-
Kit~UPSHDEARKIT">UPSHDEARKIT); Tower (<a <br="" class="productLink">href="// 2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND">2- 9USTAND)
Minimum Required Rack Depth with External Battery Pack (cm)	77
Minimum Required Rack Depth with External Battery Pack (in.)	30.25
Minimum Required Rack Depth without External Battery Pack (cm)	70
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 / in.)	9.45 x 23.62 x 29.92
Shipping Weight (kg)	39.01
UPS Housing Material	Metal



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
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	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
COMMUNICATIONS	
Network Management Cards	<a class="productLink" href="// SNMP-Web-Management-Accessory-Card-SmartPro-
SmartOnline-UPS-Systems~SNMPWEBCARD">SNMPWEBCARD ; <a <br="" class="productLink">href="// Web-Management-Accessory-Card~WEBCARDLX">WEBCARDLX
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http:// poweralert
Communications Cable	USB and DB9 cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Communications Interface	Contact closure; DB9 Serial; EPO (emergency power off); Pre-installed network card; Slot for SNMP/Web interface; USB (HID enabled)
LINE / BATTERY TRANSFER	
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
SPECIAL FEATURES	
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 (included); Zero transfer time; On-Line/Double-Conversion



Croop Energy Souther Feetures	Llick officiency according mode encyclicate Individually controllable load books		
Green Energy-Saving Features	High efficiency economy mode operation; Individually controllable load banks		
STANDARDS & COMPLIANCE			
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)		
Certification Details	Meets EMI approvals IEC62040-2:2006; FCC Part 15		
WARRANTY			
Product Warranty Period (Worldwide)	2-year limited warranty		
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 Ultimate Lifetime Insurance		

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products/product-certification-agencies