

SmartOnline 230V 3kVA 2700W On-Line Double-Conversion UPS, Tower, Extended Run, Network Card Options, LCD, USB, DB9

MODEL NUMBER: SUINT3000XLCD









Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Recommended for small/medium servers, networking equipment and telecom systems.

Description

The SUINT3000XLCD SmartOnline® 230V 3kVA 2700W On-Line Double-Conversion UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. It converts AC input to DC power, and then converts DC to fully regulated sine wave AC output with +/-2% voltage regulation in online, double-conversion mode. Featuring one C19 and six C13 outlets, the SUINT3000XLCD has an internal battery that provides 11.2 minutes of support at half load (1350W) and 4.4 minutes at full load (2700W). Adding external battery packs, such as BP72V15-2U (sold separately), provides extended runtime. Operating in optional economy mode reduces heat output and cooling requirements and consumes less electricity.

An interactive front-panel LCD screen displays operating conditions and diagnostic data, such as load, voltage and battery levels. An audible alarm signals UPS startup, power failure, low battery, overload, UPS fault and remote shutdown conditions.

EMI/RFI line noise filtering improves your equipment's performance, and 425-joule surge suppression prevents equipment and data damage from harmful power surges. With free downloadable PowerAlert® software, the SUINT3000XLCD enables safe unattended system shutdown and file saves in case of a prolonged power failure. A built-in card slot supports TLNETCARD, WEBCARDLX, SNMPWEBCARD, MODBUSCARD and RELAYIOCARD for network interface and remote monitoring and control.

Features

Protects Mission-Critical Rack-Mounted Equipment

- Provides fully regulated sine wave AC output for small/medium servers, networking equipment and telecom systems
- +/-2% voltage regulation in online, double-conversion mode
- 230V output voltage
- High 0.9 power factor offers 3000VA/2700W output capacity
- One C19 and 6 C13 outlets; C20 input connection
- Set of 3 C13/C14 jumpers included
- 425-joule surge suppression rating

Highlights

- Zero transfer time suitable for advanced network applications
- 2% output voltage regulation in online, double-conversion mode
- Expandable runtime with optional external battery packs
- Add optional WEBCARDLX with latest version of PADM20 for enhanced remote management
- 11.2 min. runtime at half load; 4.4 min. at full load

Package Includes

- SUINT3000XLCD SmartOnline 230V 3kVA 2700W On-Line Double-Conversion UPS
- USB cable
- RS-232 cable
- (3) C13-to-C14 power cords
- Owner's manual



Reliable Battery Backup with Expandable Runtime

- Supports half load for 11.2 min. and full load for 4.4 min.
- Zero transfer time suitable for advanced network applications
- Expandable runtime with optional external battery packs, such as BP72V15-2U
- Restarts automatically after lengthy power outages

SNMP/Web Capability

- · Built-in slot for SNMP network interface and relay card for remote monitoring and control options
- Compatible with TLNETCARD, WEBCARDLX, SNMPWEBCARD, MODBUSCARD and RELAYIOCARD
- Optional WEBCARDLX (sold separately) with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities
- PADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations

EMI/RFI Line Noise Filtering

 Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

Interactive LCD Screen

· Reports detailed status information, including load, voltage and battery levels

Audible Alarm

• Indicates startup/shutdown, power failure, low battery, overload and fault conditions

Communications Ports

 USB & Serial ports enable data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

Optional Economy Mode

· Efficiently minimizes heat output, reduces cooling requirements and consumes less electricity

Specifications

OVERVIEW		
UPC Code	037332194916	
UPS Type	On-Line	
INPUT		
Input Phase	Single-Phase	
Rated input current (Maximum Load)	14.6A 220V; 14.0A 230V; 13.4A 240V	
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC	



UPS Input Cornection Type		
Input Circuit Breakers 20A UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 230V OUTPUT Output Capacity (kVA) 3000 Output Capacity (kVA) 3 Output Capacity (kWA) 2.7 Output Capacity (kWW) 2.7 Output Capacity (kWW) 2.7 Output Capacity (MWIS) 2.7 Output Capacity (MWIS) 2.7 Output Capacity Details 00, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Nominal Input Voltage Description	230V factory default
UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 230V OUTPUT Output Capacity (VA) 3000 Output Capacity (VA) 3000 Output Capacity (WA) 3 Output Capacity (WA) 3 Output Capacity (WA) 2.7 Output Capacity (WA) 2.7 Output Capacity (WW) 2.7 Output Capacity (WW) 2.7 Output Capacity (WW) 2.7 Output Capacity (WW) 3 OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% load for 1 minute, 155% limits or 30 seconds: Loads greater than 150% trigger inmediate switchover to BYPASS (when input voitage and frequency are UTFIN bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voitage and frequency are outsided to 4-0.05Hz when input frequency are outsided to 4-0.0	UPS Input Connection Type	C20 inlet
UPSI Input Cord Length (m) 3.1 Recommended Electrical Service 230V OUTPUT Output Capacity (VA) 3000 Output Capacity (KVA) 3 Output Capacity (WAIS) 2700 Output Capacity (WW) 2.7 Over Factor 0.9 Crest Factor 0.9 Crest Factor 3.1 Nominal Voltage Details 230V default Frequency Compatibility Details 2004 default Frequency Compatibility Details 2004 default Frequency Compatibility Details 2004 default Output Voltage Regulation (Line MODE: Output frequency is automatically configured to match nominal input frequency exceeds +4-945 of nominal; UPS switches to battery mode when input frequency is below 40Hz or above 70Hz; BATTERY MODE: Output is regulated to +4-0.05Hz of selected nominal. Output Voltage Regulation (Line Mode) Output Voltage Regulation (Battery Mode) Included Output Power Cables Includes three C13 to C14 power cables Output Voltage Regulation (Battery Pure Sine wave Nominal Output Voltage(s) Spiported Voltage Regulation (Battery Pure Sine wave Nominal Output Voltage(s) Spiported Voltage Regulated (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Input Circuit Breakers	20A
OUTPUT OUTPUT OUTPUT OUTPUT 3000 OUTPUT Capacity (VA) 3000 Output Capacity (WA) 3 Output Capacity (WW) 2.7 Output Capacity (WW) 2.7 Output Capacity (WW) 2.7 Output Capacity Details OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously. 125% load for 1 minute; 150% load for 30 seconds; Loads greater than 150% trigger immediate switchover to BYPASS (when input voltage and frequency are WITHIN bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE bypass limits) or SHUTDOWN (when input frequency are OUTSIDE b	UPS Input Cord Length (ft.)	10
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Output Capacity (kW) 2.7 Output Capacity Details OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% load for 1 minute; 150% load for 30 seconds; Loads greater than 150% trigger immediate switchover to BYPASS (when input voltage and frequency are WITHIN bypass limits) Power Factor O.9 Crest Factor 3:1 Nominal Voltage Details Frequency Compatibility 50 / 60 Hz Frequency Compatibility Details ON LINE MODE: Output frequency is automatically configured to match nominal input frequency on startup; Output matches input frequency when #-55tz of nominal; Output is regulated to +/-0.05Hz when input frequency exceeds +/-5tz of nominal; Output is regulated to +/-0.05Hz when input frequency exceeds whose for output Voltage Regulation (Line Mode) 4/- 2% Output Voltage Regulation (Eattery Mode) Output Voltage Regulation (Battery Mode) Uput Voltage Regulation (Battery Mode) Pure Sine wave Output AC Waveform (AC Mode) Pure Sine wave Nominal Output Voltage(s) Supported Valve Regulated Lead Acid (VRLA)	Output Capacity (kVA)	3
Output Capacity Details OVERLOAD CAPACITY: Supports inverter operation up to 105% load continuously, 125% load for 1 minute: 150% load for 30 seconds; Loads greater than 150% trigger immediate switchover to BYPASS (when input voltage and frequency are WITHIN bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) Power Factor 0.9 Crest Factor 3:1 Nominal Voltage Details Frequency Compatibility 50 / 60 Hz Frequency Compatibility Details ON LINE MODE: Output frequency is automatically configured to match nominal input frequency on startup; Output matches input frequency when +4-5Hz of nominal; Output is regulated to +4-0.05Hz when input frequency exceeds +4-5Hz of nominal; UPS switches to battery mode when input frequency is below 40Hz or above 70Hz; BATTERY Mode) Output Voltage Regulation (Line Mode) 1/- 2% Output Voltage Regulation (Battery Mode) Included Output Power Cables Output AC Waveform (AC Mode) Output XC Waveform (AC Mode) Output XC Waveform (Battery Mode) Pure Sine wave Nominal Output Voltage(s) Supported Valve Regulated Lead Acid (VRLA) Valve Regulated Lead Acid (VRLA)	Output Capacity (Watts)	2700
load for 30 seconds; Loads greater than 150% trigger immediate switchover to BYPASS (when input voltage and frequency are WITHIN bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass limits) Power Factor 0.9 Crest Factor 3:1 Nominal Voltage Details 230V default Frequency Compatibility Details 50 / 60 Hz Frequency Compatibility Details ON LINE MODE: Output frequency is automatically configured to match nominal input frequency on startup; Output matches input frequency when +/-6Hz 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; BATTERY MODE: Output Voltage Regulation (Line Mode)	Output Capacity (kW)	2.7
Crest Factor 3:1 Nominal Voltage Details 230V default Frequency Compatibility 50 / 60 Hz 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; BATTERY MODE: Output Voltage Regulation (Line Mode) Output Voltage Regulation (Eatery Mode) Output Voltage Regulation (Battery Mode) Uniqued Output Power Cables Includes three C13 to C14 power cables Output AC Waveform (AC Mode) Pure Sine wave Output AC Waveform (Battery Mode) Nominal Output Voltage(s) Supported 220V; 230V; 240V Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Valve Regulated Lead Acid (VRLA)	Output Capacity Details	frequency are WITHIN bypass limits) or SHUTDOWN (when input voltage and frequency are OUTSIDE bypass
Nominal Voltage Details Frequency Compatibility Frequency Compatibility 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; BATTERY MODE: Output Voltage Regulation (Line Mode)	Power Factor	0.9
Frequency Compatibility	Crest Factor	3:1
Frequency Compatibility Details ON LINE MODE: Output frequency is automatically configured to match nominal input frequency on startup; Output matches input frequency when in-february when input frequency exceeds +/-5Hz of nominal; USP switches to battery mode when input frequency exceeds +/-5Hz of nominal; USP switches to battery mode when input frequency is below 40Hz or above 70Hz; BATTERY MODE: Output Voltage Regulation (Line Mode)	Nominal Voltage Details	230V default
matches input frequency when +f-SHz of nominal; Uptut is regulated to +f-0.05Hz when input frequency exceeds +f-SHz of nominal; Uptut is regulated to +f-0.05Hz of selected nominal. Output Voltage Regulation (Line Mode) Output Voltage Regulation (Line Mode) Output Voltage Regulation (Battery Mode) Output Voltage Regulation (Battery Mode) Included Output Power Cables Included Output Power Cables Output AC Waveform (AC Mode) Pure Sine wave Output AC Waveform (Battery Mode) Nominal Output Voltage(s) Supported Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Frequency Compatibility	50 / 60 Hz
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(Economy Line Mode) Output Voltage Regulation (Battery Mode) Included Output Power Cables Includes three C13 to C14 power cables Output AC Waveform (AC Mode) Pure Sine wave Output AC Waveform (Battery Mode) Nominal Output Voltage(s) Supported Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Output Voltage Regulation (Line Mode)	+/- 2%
Included Output Power Cables Includes three C13 to C14 power cables Output AC Waveform (AC Mode) Pure Sine wave Output AC Waveform (Battery Mode) Pure Sine wave Nominal Output Voltage(s) 220V; 230V; 240V Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Output Voltage Regulation (Economy Line Mode)	+/- 10%
Output AC Waveform (AC Mode) Pure Sine wave Output AC Waveform (Battery Mode) Pure Sine wave Nominal Output Voltage(s) Supported Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)		+/- 3%
Output AC Waveform (Battery Mode) Nominal Output Voltage(s) Supported Output Receptacles Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Included Output Power Cables	Includes three C13 to C14 power cables
Mode) Nominal Output Voltage(s) Supported Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Output AC Waveform (AC Mode)	Pure Sine wave
Supported 220V, 230V, 240V Output Receptacles (6) C13; (1) C19 Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Output AC Waveform (Battery Mode)	Pure Sine wave
Individually Controllable Load Banks No BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Nominal Output Voltage(s) Supported	220V; 230V; 240V
BATTERY Battery Type Valve Regulated Lead Acid (VRLA)	Output Receptacles	(6) C13; (1) C19
Battery Type Valve Regulated Lead Acid (VRLA)	Individually Controllable Load Banks	No
	BATTERY	
	Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.) 4.4 min. (2700W)	Runtime Full Load (min.)	4.4 min. (2700W)



Runtime Half Load (min.)	11.2 min. (1350W)	
Expandable Runtime	Yes	
Expandable Runtime Description	External battery configurations require the use of Tripp Lite's External Battery Configuration Software, see manual for details	
External Battery Pack Compatibility	BP72V15-2U (limit 1); BP72V18-2US">BP72V18-2US (multi-pack compatible); BP72V28RT-3U (multi-pack compatible)	
DC System Voltage (VDC)	72	
Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 90% (typical, full load discharge)	
VOLTAGE REGULATION		
Voltage Regulation Description	Online, double-conversion power conditioning	
Overvoltage Correction	2% output voltage regulation during overvoltages to 280	
Undervoltage Correction	2% output voltage regulation during undervoltages to 80V (50% load), 175V (100% 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, operating mode, alarm function and a variety of additional information	
Switches	ON switch supports inverter-on, battery-test, alarm-off and enter functions; OFF switch supports inverter-off and fault-clear functions; SETUP switch enables scroll-down and enter setup-mode functions	
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	
SURGE / NOISE SUPPRESSION		
UPS AC Suppression Joule Rating	425	
UPS AC Suppression Response Time	Instantaneous	
EMI / RFI AC Noise Suppression	Yes	
PHYSICAL		
Primary Form Factor	Tower	
Cooling Method	Fan	
Installation Form Factors Supported with Included Accessories	Tower	
Primary UPS Depth (mm)	361	
Primary UPS Height (mm)	325	
Primary UPS Width (mm)	191	
Shipping Dimensions (hwd / in.)	17.20 x 11.80 x 19.30	



Shipping Dimensions (hwd / cm)	43.69 x 29.97 x 49.02	
Shipping Weight (lbs.)	67.87	
Shipping Weight (kg)	30.79	
UPS Housing Material	Steel	
UPS Power Module Dimensions (hwd, in.)	12.8 x 7.5 x 14.2	
UPS Power Module Weight (kg)	24.86	
UPS Power Module Weight (lbs.)	54.8	
Unit Weight (lbs.)	54.8000	
Unit Weight (kg)	24.86	
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	0 to 95%, non-condensing	
AC Mode BTU / Hr. (Full Load)	818	
AC Economy Mode BTU / Hr. (Full Load)	188	
AC Mode Efficiency Rating (100% Load)	92%	
AC Economy Mode Efficiency Rating (100% Load)	98%	
Online Mode Heat Dissipation (BTU/Hr) @ Full Load	818	
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	1538	
Operating Elevation (ft.)	0-3000ft	
Audible Noise	< 52 dB at front side 1m	
Operating Elevation (m)	0-1000m	
COMMUNICATIONS		
Network Management Cards	SNMPWEBCARD; TLNETCARD ; WEBCARDLX; MODBUSCARD ; 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 software at https://tripplite.eaton.com/products/power-alert	
Communications Cable	USB and DB9 cabling included	
Network Management Card Description	Network management card optional	



DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)
Zero transfer time (0 ms.)
80V (<50% load), 175V (100% load)
280
Cold-start operation supported
Auto Probe Monitoring (requires WEBCARDLX); Automatic inverter bypass; Hot swappable batteries; Remote management; Surge/noise protection; Zero transfer time
High efficiency economy mode operation
Mission Critical Applications
RoHS; CE (Europe)
2-year limited warranty



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