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
Nominal Input Voltage Description	230V factory default
UPS Input Connection Type	C20 inlet

Input Circuit Breakers	20A
UPS Input Cord Length (ft.)	10
UPS Input Cord Length (m)	3.1
Recommended Electrical Service	230V
Maximum Input Amps	15
OUTPUT	
Output Capacity (VA)	3000
Output Capacity (kVA)	3
Output Capacity (Watts)	2700
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) 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	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 is regulated to +/-0.05Hz of selected nominal.
Output Voltage Regulation (Line Mode)	+/- 2%
Output Voltage Regulation (Economy Line Mode)	+/- 10%
Output Voltage Regulation (Battery Mode)	+/- 3%
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) Supported	220V; 230V; 240V
Output Receptacles	(6) C13; (1) C19
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
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 (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	
EMI / RFI AC Noise Suppression	Yes
AC Suppression Joule Rating	425
AC Suppression Response Time	Instantaneous

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	0-3280 ft. (0-1000 m)
Audible Noise	< 52 dB at front side 1m

COMMUNICATIONS	
Network Management Cards	TLNETCARD ; WEBCARDLXE ; 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
Communications Interface	DB9 Serial; Slot for SNMP/Web interface; USB (HID enabled)

LINE / BATTERY TRANSFER	
Transfer Time	Zero transfer time (0 ms.)
Low Voltage Transfer to Battery Power (Setpoint)	80V (<50% load), 175V (100% load)

High Voltage Transfer to Battery Power (Setpoint)	280

FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Auto Probe Monitoring (requires WEBCARDLXE); Automatic inverter bypass; Hot swappable batteries; Remote management; Surge/noise protection; Zero transfer time
Green Energy-Saving Features	High efficiency economy mode operation

APPLICATIONS	
UPS Applications	Mission Critical Applications

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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https://tripplite.eaton.com