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Model #: SUINT3000XL

SmartOnline Tower UPS System - True on-line power for mission-critical applications



Highlights

- 3000VA on-line, double-conversion, extended-run tower UPS system
- Maintains 220/230/240V selectable output within +/-2% during overvoltages to 280V and brownouts as low as 80V (50/60Hz auto-sensing)
- Network communications supported via serial port and SNMP/Web card slot
- Fault-tolerant auto-bypass and current monitoring
- Input: C20 inlet / Output: 8 x C13 outlets (3 x C13-to-C14 jumper cables included)

Description

Tripp Lite's SmartOnline SUINT3000XL on-line, double-conversion UPS protects critical server, networking and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Space-saving upright tower format. Large capacity 3000VA/2100W UPS continuously converts incoming AC to DC, then back to perfect sine wave AC output at selectable 220/230/240V AC (+/-2%). Removes harmonic distortion, fast electrical impulses, frequency fluctuations and other hard-to-solve power problems not addressed by other UPS types. True sine wave output and zero transfer time offers guaranteed compatibility with all equipment types. Includes 8 C13 outlets. Battery support can be extended through the addition of external battery packs (part# BP72V18). Includes slot for internal SNMP/Web card, plus DB9 enhanced serial monitoring port for unattended shutdown, remote control and monitoring of UPS system and power data.

Package Includes

- SUINT3000XL UPS System
- PowerAlert Software CD-ROM and cabling
- 3 C13-to-C14 jumper cables
- Owner's manual with warranty information

Features

- True on-line, double conversion UPS provides pure sine wave AC output at all times
- Maintains continuous operation with zero transfer time through blackouts, voltage fluctuations and surges
- Removes harmonic distortion, electrical impulses, frequency variations and other hard-to-solve power problems
- Corrects brownouts and overvoltages from 175-280V at full load. Input voltage range extends to 80-280V at 50% load or less
- 3000VA/2100W power capacity with 8 C13 outlets
- IEC320-C20 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
- Standard internal battery set provides 14 min. runtime at half load and 5 min. runtime at full load
- Expandable runtime with multiple external battery packs (part# BP72V18 MULTI-PACK COMPATIBLE)
- DB9 serial port for network interface; SNMP compatible
- Slot for optional SNMP/Web card (part# SNMPWEBCARD)
- PowerAlert unattended shutdown software and network cable included
- Fault tolerant electronic bypass maintains utility output during a variety of UPS fault conditions
- Diagnostic LEDs
- 3 C13-to-C14 jumper cables included

Specifications

OUTPUT

Output Volt Amp Capacity (VA)	3000
Output kVA capacity (kVA)	3
Output Watt Capacity (watts)	2100
Output kW capacity	2.1
Output power factor	0.7
Crest Factor	3:1
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage details	230V default
Frequency compatibility	50 / 60 Hz
Frequency compatibility details	Output frequency matches input nominal on startup, defaults to 50 Hz on cold-start
Output voltage regulation (line mode)	+/- 2%
Output voltage regulation (Economy line mode)	+/- 10%
Output voltage regulation (Battery mode)	+/- 2%
Built-in UPS output receptacles	8 C13 outlet(s)
Included output power cables	Includes 3 C13 to C14 output power cables
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	Pure Sine wave
INPUT	
Rated input current (at maximum load)	13.6A (220V), 13A (230V), 12.5A (240V)
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
UPS input connection type	C20 inlet
UPS input connection description	IEC320-C20 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
Input circuit breaker	20A
Phase	Single-Phase
BATTERY	
Full load runtime (minutes)	5 min. (2100w)

Half load runtime (minutes)	14 min. (1050w)
Expandable battery runtime	Extended runtime supported via optional external battery packs
External battery pack compatibility	BP72V15-2U (limit 1); BP72V28RT-3U (multi-pack compatible)
DC system voltage (VDC)	72
Battery recharge rate (included batteries)	Less than 6 hours from 10% to 90%
Battery replacement description	Hot-swappable, user replaceable batteries
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 175
Severe undervoltage correction	2% output voltage regulation during undervoltages to 80 (under 50% load only)
LEDS ALARMS & SWITCHES	
LED Indicators	14 LEDs indicate line power, online mode, economy/bypass mode, on-battery, overload, battery low, replace battery and fault status information; 4-LED meter displays load and battery charge levels
Alarms	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	570
UPS AC suppression response time	Instantaneous
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Installation form factors supported with included accessories	Tower
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	14.7 x 5.5 x 16.7
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	37.3 x 14 x 42.4
UPS / Power Module weight (lbs)	67.2

UPS / Power Module weight (kg)	30.5
UPS Shipping dimensions (height x width x depth / inches)	19.4 x 9.8 x 23.8
UPS Shipping dimensions (height x width x depth / cm)	49.3 x 24.9 x 60.5
Shipping weight (lbs)	73.8
Shipping weight (kg)	33.5
Cooling method	Fan
UPS housing material	Steel
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	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	793.3
AC economy mode BTU / hr. (full load)	455.7
Battery mode BTU / hr. (full load)	973.6
AC economy mode efficiency rating (100% load)	94%
Audible Noise	< 45 dB at front side 1m
COMMUNICATIONS	
Communications interface	DB9 Serial; Contact closure; Slot for SNMP/Web interface
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions; DB9 port supports RS232 and contact closure communications
PowerAlert software	Included
Communications cable	DB9 cabling included
LINE / BATTERY TRANSFER	
Transfer time	No transfer time (0 ms.) in online, double-conversion mode
Low voltage transfer to battery power (setpoint)	175V (100% load), 80V (
High voltage transfer to battery power (setpoint)	280
SPECIAL FEATURES	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported

High availability UPS features	Automatic inverter bypass
CERTIFICATIONS	
UPS Certifications	CE
UPS Certification details	CE EN62040-1-1, EN62040-2 Class A
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
AS400CABLE KIT	Power Management Tools - UPS Communication Cable Kit for System i / AS400 / iSeries Servers	1
BP72V15-2U	BP72V15-2U - External Battery Pack for UPS System	1
BP72V28RT-3U	BP72V28RT-3U - External Battery Pack for UPS System	1
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
SNMPWEBCARD	For remote monitoring and control via SNMP, Web, or Telnet.	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3255.

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