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 commmunications 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)

2-year warranty

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.

Applications

Ideal for protection of 220/230/240V networking, telecom and other data processing equipment requiring continuous power. Common applications include corporate or departmental servers, workstations, hubs, routers, bridges, CAD/CAM workstations, concentrators, IP telephony and traditional PBX switching systems.

Package Includes

SUINT3000XL UPS System

PowerAlert Sofware 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

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 auto-bypass maintians continuous utility output to connected equipment, even in cases where the UPS is overloaded or suffers an internal failure that requires service

Diagnostic LEDs

3 C13-to-C14 jumper cables included

2-year warranty

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	220, 230, 240V (selectable)
Frequency compatibility	50/60 Hz auto-sensing
OUTPUT	
Output VA	3000
Output watts	2100
Output nominal voltage	220, 230, 240V (selectable)
Output voltage regulation	Full-time sine wave output within 2% of selected nominal, 5% max THD
Output frequency regulation	Output is locked to 50/60Hz +/-0.05Hz
Outlet quantity / type	8 IEC-C13
Overload protection	20A input breaker
INPUT	
Maximum input amps	13.6 (220V) / 13 (230V) / 12.5 (240V)
Input connection type	IEC-C20
BATTERY	
Full load runtime	5 min. (3000VA/2100W)
Half load runtime	14 min. (1500VA/1050W)
Expandable battery runtime	Runtime is expandable with optional BP72V18 (multi-pack compatible)
DC system voltage	72VDC
Typical battery lifespan	3-5 years
Battery recharge rate	2-4 hours (to 90%)
VOLTAGE REGULATION	
Voltage regulation description	On-line, double-conversion process maintains output voltage within +/-2% of selected nominal voltage at all times
Overvoltage correction	Maintains continuous operation without using battery power during overvoltage conditions to 280VAC, regulating output within 3% of selected nominal
Brownout correction	Maintains continous full load operation without using battery power during brownout/undervoltage conditions to 175VAC, regulating output within 2% of selected nominal
Severe brownout correction	Corrects severe brownouts as low as 80V at 50% load, 99V at 60% load, 118V at 70% load, 137V at 80% load, and 156V at 90% load levels
LEDS ALARMS & SWITCHES	

Front panel LEDs	14 status LEDs offer LINE POWER, ONLINE, BYPASS, ON BATTERY, OVERLOAD, BATTERY LOW, REPLACE BATTERY and FAULT status information. Also includes 4 LED meters for LOAD LEVEL / BATTERY LEVEL display (Battery level readout requires pressing "test" key)
Alarms	Multi-function audible alarm provides notification of UPS start, backup operation, low battery warning, overload, UPS fault and remote shutdown
Switches	Includes power off/on switch, plus 1 switch to select battery charge/load level display

SURGE / NOISE SUPPRESSION

AC suppression response time	Instantaneous
EMI / RFI AC noise suppression	Yes

PHYSICAL

Shipping weight (lbs)	73.8
Shipping weight (kg)	33.5
Shipping Dimensions (HWD/in)	19.4 x 9.8 x 23.8
Shipping Dimensions (HWD/cm)	49.3 x 24.9 x 60.5
Unit weight (lbs)	67.2
Unit weight (kg)	30.5
Unit Dimensions (HWD/in)	14.7 x 5.5 x 16.7
Unit Dimensions (HWD/cm)	37.3 x 14 x 42.4
Material of construction	Steel
Form factors supported	Tower
Cooling method	Fan

ENVIRONMENTAL

Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing

COMMUNICATIONS

Network monitoring port	One built-in DB9 port offers enhanced RS-232 communications for unattended shutdown, remote control and monitoring of UPS system and power data
Software and cabling included	Includes PowerAlert monitoring software and cabling
SNMP compatibility	Includes slot for optional SNMPWEBCARD accessory (#SNMPWEBCARD)

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode	ZEROUPS continously converts incoming AC to DC, then back to AC. When commercial power is interrupted, UPS maintains continuous output from battery reserves with absolutely no disruption in output AC power.
Low voltage transfer to battery power	Maintains continuous operation during undervoltages as low as 175V (80V at load levels of 50% or less). Below the switchover point, output is supported from battery-derived AC power.

High voltage transfer to battery power	Maintains continuous operation without using battery power during overvoltages to 280V. Above the switchover point, output is supported from battery-derived AC power.
CERTIFICATIONS	
Certifications	CE (EN 62040-1-1), EMI (EN 62040-2 Class A), RoHS Compliant
WARRANTY	
Product warranty	2 years
SPECIAL FEATURES	
Cold Start	Cold start capability allows turn-on during blackouts from battery power
Appearance	Attractive all-black color scheme
BATTERY PACK ACCESSORY (optional)	
Battery Pack Accessory (optional)	BP72V18 (multi-pack compatible)

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/products/model.cfm?txtModelID=3255.