

SmartOnline Expandable Tower UPS System - NAFTA assembled version of SU3000XL

MODEL NUMBER: SU3000XLNAFTA





Description

3000VA on-line, double-conversion UPS system for critical server, network and telecommunications equipment. Upright tower form factor. Expandable battery runtime with optional BP72V28-3UNAFTA external battery packs. Full-time sine wave 110 or 120V +/-2% output. Online, double-conversion Uninterruptible Power Supply (UPS) actively converts raw incoming AC power to DC, then re-converts output back to completely regulated, filtered AC output. Operates continuously without using battery power during brownouts to 65V and overvoltages to 138V. NEMA L5-30P input plug; NEMA 5-15R, NEMA 5-15/20R and NEMA L5-30R output receptacles. Network-grade AC surge and noise suppression. Zero transfer time between AC and battery operation. Network management interfaces support simultaneous communications via USB port, DB9 serial port and SNMPWEBCARD slot. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Supports simultaneous detailed monitoring of equipment load levels, self-test data and utility power conditions via all 3 network interfaces. Includes PowerAlert monitoring software and complete cabling. Emergency Power Off (EPO) interface. Integrated 2-bank PDU switching supports load shedding and remote-reboot of connected equipment. 3-stage metered current monitoring and battery charge status LEDs. Dataline surge suppression for dialup, DSL or network Ethernet connection. Utility power and voltage regulation LEDs. Audible alarm. Self-test. Fault-tolerant auto-bypass mode. Field-replaceable, hotswappable internal batteries and external battery packs. Attractive all-black color scheme. \$250,000 connected equipment insur;

Features

- SmartOnline high performance UPS system is ideal for critical voice, data, medical and industrial network applications
- True on-line, double-conversion UPS provides perfectly regulated sine wave output within 2% of

110/120V (user selectable) under all usage conditions

- Maintains continuous operation through blackouts, voltage fluctuations and surges with zero transfer time
- Removes harmonic distortion, fast electrical impulses, frequency variations and other hard to solve power problems not addressed by other UPS types
- Corrects line voltage conditions as low as 65V and as high as 138V back to selectable 110/120V (+/-

Highlights

- 3000VA / 3KVA on-line, doubleconversion, extended-run tower UPS
- Maintains sine-wave 110/120V +/-2% output during overvoltages to 138 and brownouts as low as 65V (50/60Hz auto-sensing)
- Simultaneous use communications via HID compliant USB port, serial port, SNMP/Web card slot and EPO interface
- Fault tolerant auto-bypass mode, current monitoring and switched PDU control via 2 switchable output load banks
- Input: NEMA L5-30P (120V) / Output: 4 NEMA5-15R, 4 NEMA5-15/20R & 1 NEMA L5-30R
- \$250,000 Ultimate Lifetime Insurance (USA and Canada Only)

Package Includes

- SU3000XLNAFTA UPS System
- PowerAlert Software and Cabling
- Instruction manual with warranty information



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2%) values

- Standard internal battery set offers 14 minutes runtime at half load (1200W) and 5 minutes at full load (2400W)
- Optional BP72V28-3UNAFTA external battery packs offer expandable battery runtime
- Space saving upright tower format
- · Fault tolerant electronic bypass maintains utility output during a variety of UPS fault conditions
- Network interfaces support simultaneous communications via built-in USB, DB9 serial/contact-closure and SNMPWEBCARD slot
- HID compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X.
- Included PowerAlert UPS monitoring software supports safe unattended shutdown, monitoring and control via local connected servers, plus any number of additional servers over IP
- UPS interface supports on-battery, low-battery, power-restored, AC-voltage, DC-voltage, output current
 monitoring, battery charge current, battery capacity, AC line frequency, timed inverter shutoff, activate
 self-test, load bank output power control and remote reboot, UPS nominal voltage adjustment and UPS
 line to battery power voltage setpoints
- Built-in Emergency Power Off (EPO) interface with cable
- NEMA L5-30P input plug/NEMA 5-15/20R, L5-20R & L5-30R output receptacles
- Integrated 2 bank switched PDU enables remote outlet management for load shedding or remote reboot of individual load banks (each bank has four outlets)
- Front panel LEDs offer current monitoring and battery charge level information
- UPS ships fully assembled in full compliance with DOT regulations; no time consuming connection of internal batteries by user required
- Single line TEL/DSL or network ethernet line surge suppression
- \$250,000 Ultimate Lifetime Insuran

Specifications

OVERVIEW		
UPC Code	037332137715	
OUTPUT		
Output Volt Amp Capacity (VA)	3000	
Output kVA Capacity (kVA)	3	
Output Watt Capacity (Watts)	2400	
Output kW Capacity (kW)	2.4	
Power Factor	0.8	
Crest Factor	3:1	



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Nominal Voltage Details	1201/ default
Nominal Voltage Details	120V default
Frequency Compatibility	50 / 60 Hz
Frequency Compatibility Details	Output frequency matches input nominal on startup, defaults to 60 Hz on cold-start
Output Voltage Regulation (Line Mode)	+/- 2%
Output Voltage Regulation (Economy Line Mode)	+/- 10%
Output Voltage Regulation (Battery Mode)	+/- 2%
Load Management Receptacles	Two switchable four-outlet load banks, (bank 1 - four 5-15/20R, bank 2 - four 5-15R outlets)
Output Circuit Breakers	15A branch rated (x2) - each breaker protects 4 outlets, L5-30R is unbreakered
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	110V; 120V
Output Receptacles	(4) 5-15R; (4) 5-15/20R; (1) L5-30R
INPUT	
Rated input current (Maximum Load)	24A (120V), 26.2A (110V)
Nominal Input Voltage(s) Supported	110V AC; 120V AC
UPS Input Connection Type	L5-30P
Input Circuit Breakers	40A
UPS Input Cord Length (ft.)	10
UPS Input Cord Length (m)	3.1
Recommended Electrical Service	30A 120V
BATTERY	
Full Load Runtime (min.)	6 min. (2400w)
Half Load Runtime (min.)	17 min. (1200w)
Expandable Battery Runtime	Supports extended runtime with optional external battery packs
External Battery Pack Compatibility	BP72V15-2U /a> (limit 1); BP72V28RT-3U More and the select of the s
DC System Voltage (VDC)	72
Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 80%
Internal UPS Replacement Battery Cartridge	<a class="productLink" href="//www.tripplite.com/3U-UPS-Replacement-72VDC-Battery-Cartridge-1-set-6-
select-Tripp-Lite-SmartOnline-UPS~RBC96-3U">RBC96-3U (quantity 1)



Battery Access	Front panel battery access door	
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 138	
Undervoltage Correction	2% output voltage regulation during undervoltages to 80	
Severe Undervoltage Correction	2% output voltage regulation during undervoltages to 65 (under 70% load only)	
USER INTERFACE, ALERTS & CON	TROLS	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation	
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch	
Audible Alarm	Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions	
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	
SURGE / NOISE SUPPRESSION		
UPS AC Suppression Joule Rating	480	
UPS AC Suppression Response Time	Instantaneous	
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet	
EMI / RFI AC Noise Suppression	Yes	
PHYSICAL		
Installation Form Factors Supported with Included Accessories	Tower	
Primary Form Factor	Tower	
UPS Power Module Dimensions (hwd, in.)	10.2 x 9 x 20.5	
UPS Power Module Dimensions (hwd, cm)	25.91 x 22.86 x 52.07	
UPS Power Module Weight (lbs.)	69.3	
UPS Power Module Weight (kg)	31.43	
Shipping Dimensions (hwd / in.)	15.25 x 13.00 x 24.00	
Shipping Dimensions (hwd / cm)	38.74 x 33.02 x 60.96	
Shipping Weight (lbs.)	75.20	
Shipping Weight (kg)	34.11	
Cooling Method	Fan	
UPS Housing Material	Steel	



CERTIFICATIONS		
Green Energy-Saving Features	High efficiency economy mode operation; Individually controllable load banks; Schedulable daily hours of economy mode operation	
High Availability UPS Features	Automatic inverter bypass; Hot swappable batteries	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported	
SPECIAL FEATURES		
High Voltage Transfer to Battery Power (Setpoint)	138	
Low Voltage Transfer to Battery Power (Setpoint)	175V (100% load), 80V (<50% load)	
Transfer Time	No transfer time (0 ms.) in online, double-conversion mode	
LINE / BATTERY TRANSFER		
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications	
Communications Cable	USB and DB9 cabling included	
PowerAlert Software	Included	
Network Monitoring Port Description	Supports detailed monitoring of UPS and site power conditions; DB9 port supports RS232 and contact closure communications	
Communications Interface	USB (HID enabled); DB9 Serial; Contact closure; EPO (emergency power off); Slot for SNMP/Web interface	
COMMUNICATIONS		
Audible Noise	<45 dB @ 1m	
AC Economy Mode Efficiency Rating (100% Load)	94%	
AC Mode Efficiency Rating (100% Load)	88%	
Battery Mode BTU / Hr. (Full Load)	1219.3	
AC Economy Mode BTU / Hr. (Full Load)	520.9	
AC Mode BTU / Hr. (Full Load)	1112.7	
Relative Humidity	0 to 95%, non-condensing	
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	
ENVIRONMENTAL		
Primary UPS Depth (mm)	521	
Primary UPS Width (mm)	229	
Primary UPS Height (mm)	259	



UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI)
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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