



Powering Business Worldwide



3000VA 2400W SmartOnline UPS System - True online power for mission critical applications

MODEL NUMBER: **SU3000RT3U**

Description

Tripp Lite's SU3000RT3U on-line, double conversion UPS protects critical server, networking or telecommunications equipment from blackouts, voltage fluctuations and surges. Multi-use form factor occupies only 3 rack spaces (3U) in standard 19 inch rackmount configuration and includes tower stands and removable rack hardware to support tower and stacking applications. Large capacity 3000VA/2400 watt UPS continuously converts incoming AC to DC, then back to perfect sine wave AC output at 120V 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 9 outlets arranged in two individually switchable load banks. These outlet banks can be independently controlled via software interface to selectively reboot remote equipment, or shed less critical loads to extend battery runtime for more critical equipment. Battery support can be extended indefinitely through the addition of external 2U rackmount battery packs (part# BP72V12-2U). 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.

Features

- True on-line, double conversion UPS provides pure, sine wave AC output at all times
- Maintains continuous operation through blackouts, voltage fluctuations and surges with zero transfer time
- Removes harmonic distortion, electrical impulses, frequency variations and other hard to solve power problems
- Accepts input voltages between 85 and 138 (60 to 138 at loads under 70%), regulating output to 120V +/-2%
- 3000VA/2400 watt power capacity with 9 total outlets (4 NEMA5-15R, 4 NEMA5-20R & 1 NEMA5-30R)
- Standard internal battery set provides 17 minutes runtime at half load
- Expandable runtime with multiple external battery packs (part# BP72V12-2U)
- Innovative design makes unit adaptable for rackmount, tower, or stacking applications
- Uses only 3 rack spaces (3U) in standard 19 inch rack
- DB9 serial port for network interface; SNMP compatible
- Slot for optional SNMP/web card (SNMPWEBCARD)
- PowerAlert unattended shutdown software and 6 ft. network cable included
- \$100,000 Ultimate Lifetime connected equipment insurance (USA & Canada Only)
- 2 year manufacturers product warranty
- Diagnostic LEDs
- Battery replacement door
- Mounting hardware included

Highlights

- 9 outlets provide battery backup and surge protection
- Constant on-line operation isolates equipment from every AC power problem
- Serial port and free software facilitate unattended shutdown and network-wide power management
- Accessory slot accepts optional SNMP, network management and connectivity products
- Unique cabinet design adapts to rackmount or tower applications
- \$100,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Package Includes

- SU3000RT3U Rack-Tower UPS System
- PowerAlert Software and cabling
- Mounting hardware
- Warranty information
- Instruction manual

Specifications

OVERVIEW	
UPC Code	037332098672
INPUT	
UPS Input Cord Length (ft.)	10



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TRIPP-LITE
by **EATON**

UPS Input Cord Length (m)	3.1
Recommended Electrical Service	30A 120V
Maximum Input Amps	22
Maximum Input Watts	2844
Input Connection Type	NEMA L5-30P
Voltage Compatibility (VAC)	120
OUTPUT	
Frequency Compatibility	50 / 60 Hz
Output Nominal Voltage	120V AC
Output Voltage Regulation	Maintains full-time sine wave output within 2% of 120V, less than 5% total harmonic distortion
Output Frequency Regulation	Regulates line frequency to 50/60Hz +/- 0.05Hz
Overload Protection	Via 40A input breaker
Customized Load Management Receptacles	"2 individually controllable load banks support automated load shedding and remote reboot on demand of locked network devices. Configurable via PowerAlert software to automatically switch off optional loads, like monitors, to increase available runtime for servers and other critical devices. (Bank A consists of 4 outlets / Bank B consists of 4 outlets) "
BATTERY	
Runtime Full Load (min.)	6 min.
Runtime Half Load (min.)	17 min.
Expandable Runtime	Yes
Expandable Runtime Description	Supports extended runtime with optional external battery pack BP72V122U (multi-pack compatible)
DC System Voltage (VDC)	72
Battery Access	User replaceable, hot swap battery replacement supported via front access panel
Battery Pack Accessory (Optional)	BP72V122U (optional)
Typical Battery Lifespan	3-6 years, depending on usage
Battery Charge	2-4 hours to 90%
VOLTAGE REGULATION	
Voltage Regulation Description	On-line, double-conversion power conditioning maintains output within 2% of 120 volts at all times
Overvoltage Correction	Maintains output of 120V +/-2% during overvoltages to 138V AC
Brownout Correction	Maintains output of 120V +/-2% during undervoltages to 85V AC
Severe Brownout Correction	At load levels less than 70%, UPS maintains output of 120V +/-2% during undervoltages to 60V AC
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	6 LED STATUS DISPLAY: line power (green), online (green), bypass (yellow), on battery (green), overload (red), battery low (yellow) 4 LED LOAD / BATTERY LEVEL DISPLAY (100%, 75%, 50%, 25%)
Switches	Includes main power off/on switch, plus 1 switch to select battery charge / load level display



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Audible Alarm	Multi-function audible alarm offers notification of UPS start, backup operation, low battery warning, overload, UPS fault and remote shutdown
SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	Instantaneous
PHYSICAL	
Material of Construction	Steel
Cooling Method	Built-in cooling fan
Form Factors Supported	Supports 3U rackmount installation in 4 post rack enclosures. 2 post rackmount installation supported with optional 2POSTRMKIT. Upright tower installation supported with included tower stands
Shipping Dimensions (hwd / in.)	13.30 x 23.80 x 25.70
Shipping Dimensions (hwd / cm)	33.78 x 60.45 x 65.28
Shipping Weight (lbs.)	96.00
Shipping Weight (kg)	43.54
Unit Dimensions (hwd / in.)	5.200 x 17.300 x 19.800
Unit Dimensions (hwd / cm)	13.3 x 44.5 x 50.3
Unit Weight (lbs.)	74.9
Unit Weight (kg)	33.97
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
Line Mode BTU / Hr. (max.)	1328.4
Battery Mode BTU / Hr. (max.)	1328.4
COMMUNICATIONS	
WatchDog Compatibility	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications
Network Monitoring Port	One built-in DB9 port offers both enhanced RS-232 enabled monitoring data, plus contact closure basic monitoring capability
EPO Port	Supports "Emergency Power Off" via special-order cabling, contact Tripp Lite for more information
SNMP Compatibility	Yes, includes slot for optional SNMPWEBCARD accessory (#SNMPWEBCARD)
LINE / BATTERY TRANSFER	
Transfer Time (Line Power to Battery Mode)	Zero, online UPS continuously 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 85V (60V at load levels under 70%). Below this 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 138V. Above this point, output is supported from battery derived AC power

FEATURES & SPECIFICATIONS	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	3-5 year warranties, plus next day and on-site warranty coverage available for select opportunities. Contact Tripp Lite for additional information.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 Ultimate Lifetime Insurance

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