Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

SmartOnline UPS System - True online power for mission critical applications

MODEL NUMBER: **SU10K**

Description

Tripp Lite's SU10K UPS System provides continuous on-line power with extended-run capability for ultra-sensitive equipment. On-line operation continually regulates incoming power and provides connected equipment with pure sine wave output. 10,000 VA of battery backup allows you to work through short blackouts or safely shut down during longer ones. Unique design features output hardwireable for 120-240 volts, selectable on-line/line interactive operation modes, and 3 built-in serial ports that work with PowerAlert Software to provide simultaneous automatic unattended shutdown of multiple servers. An accessory slot for use with optional SNMP card, network management, and connectivity products. $100,000 Ultimate Lifetime Insurance (USA & Canada Only). No warranty cards required for coverage!

Features

- 10,000 VA output power rating (7,000 watts)
- Up to 8 hours typical backup time
- Selectable continuous on-line operation with pure sine wave output or line-interactive with 4 levels of automatic voltage regulation (AVR)
- Accessory slot for use with optional SNMP card, network management, and connectivity products
- Output hardwireable for 120-240 volt; input hardwire to 208/240 volt, 50 amp service; 50/60 Hertz selectable
- Automatic bypass — if UPS experiences any problems, the unit will automatically provide AC power, surge protection, and voltage regulation without affecting connected equipment, while bypassing the UPS
- Exclusive from Tripp Lite: 3 DB9 serial ports to manage multiple servers simultaneously; SNMP-compatible
- PowerAlert Unattended Shutdown Software and 3 (6') network cables included
- Exclusive from Tripp Lite: PowerAlert Software compatible with every brand of UPS, from every manufacturer
- Manual bypass — UPS can be placed in temporary bypass mode for maintenance without affecting connected equipment
- Complete surge protection and EMI/RFI noise filtering
- Start-up service and On-Site service plans available — contact Tripp Lite Service Plan Support
- $100,000 Ultimate Lifetime Insurance (USA & Canada Only). No warranty cards required for coverage!
- Diagnostic LEDs (indicate 17 performance conditions)
- Hot-swap battery replacement
- External battery capability; battery packs include built-in battery charger to maintain base recharge rate
- Retractable casters for ease of movement

Highlights

- Hardwired AC terminals can be configured for 208V, 240V or 120V input
- Constant on-line operation isolates equipment from every AC power problem
- Two serial ports, one AS-400 port and free software facilitate unattended shutdown and network-wide power
- Accessory slot accepts optional SNMP, network management and connectivity products
- $100,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Package Includes

- SU10K Power Module
- (1) 10K Battery Pack (SU10KBP)
- PowerAlert Software and 3 (6 ft.) network cables
- Warranty information
- Instruction manual

Specifications

OVERVIEW	
UPC Code	037332118103
UPS Type	On-Line
INPUT	

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Nominal Input Voltage(s) Supported	200V AC; 208V AC; 220V AC; 230V AC; 240V AC
UPS Input Connection Type	Hardwire
Recommended Electrical Service	50A 208V
Input Connection Type	Hardwire
Voltage Compatibility (VAC)	208; 240
Input Phase	Single-Phase
OUTPUT	
Output Volt Amp Capacity (VA)	10000
Frequency Compatibility	50 / 60 Hz
Output AC Waveform (Battery Mode)	Pure Sine wave
Output (VA)	10000
Output (Watts)	7000
Nominal Output Voltage(s) Supported	120V; 208V; 240V
Output Receptacles	Hardwire
Output Nominal Voltage	208/240 & 120V (simultaneous)
Output Voltage Regulation	Maintains pure sine wave output at all times, regulated within 2% of selected nominal output voltage, less than 5% total harmonic distortion
Output Frequency Regulation	Regulates line frequency to 50/60Hz +/- 0.05Hz
Overload Protection	Resettable circuit breaker
Individually Controllable Load Banks	No
BATTERY	
Full Load Runtime (min.)	12 min. (10kVA)
Half Load Runtime (min.)	31 min. (5kVA)
Expandable Battery Runtime	Supports extended runtime with optional external battery pack BP240V10RT3U (multi-pack compatible)
Expandable Runtime	Yes
DC System Voltage (VDC)	240
Battery Access	Batteries contained in separate battery enclosure
Battery Pack Accessory (Optional)	SUBP (optional)
Typical Battery Lifespan	3-6 years, depending on usage
Battery Charge	2-4 hours to 90%
VOLTAGE REGULATION	

Voltage Regulation Description	Voltage correction keeps output voltage within 3% of 208/240V (depending on setting) without depleting battery power when input voltage is between 156 and 280V AC.
Overvoltage Correction	280
Brownout Correction	156
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Yes, plus LCD screen
Audible Alarm	Yes
SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	Instantaneous
PHYSICAL	
Primary Form Factor	Tower
Material of Construction	Steel
Cooling Method	Cooling fan
Form Factors Supported	Tower
Shipping Dimensions (hwd / cm)	154.94 x 152.40 x 86.36
Shipping Dimensions (hwd / in.)	61.00 x 60.00 x 34.00
Shipping Weight (kg)	337.93
Shipping Weight (lbs.)	745.00
Unit Dimensions (hwd / in.)	Power Module 29.5 x 17.5 x 31, Battery Pack 29.5 x 17.5 x 31
Unit Dimensions (hwd / cm)	Power Module 74.9 x 44.5 x 78.7, Battery Pack 74.9 x 44.5 x 78.7
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
COMMUNICATIONS	
Network Monitoring Port	3 built-in DB9 communication ports (1 RS232, 1 Contact closure, 1 AS400) for use with PowerAlert software and cabling.
SNMP Compatibility	Yes, with SNMPWEBCARD external adapter
Communications Interface	Contact closure; DB9 Serial; Slot for SNMP/Web interface
LINE / BATTERY TRANSFER	
Transfer Time (Line Power to Battery Mode)	Zero
Low Voltage Transfer to Battery Power	280

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High Voltage Transfer to Battery Power	156
STANDARDS & COMPLIANCE	
Certifications	Tested to UL1778 (USA), cUL (Canada), CE (Europe)
UPS Certifications	CE; Tested to CSA (Canada); Tested to UL1778 (USA)
WARRANTY	
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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