Model #: SU10K

SmartOnline UPS System - True online power for mission critical applications

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)

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!

Applications

- Power-sensitive applications or equipment, electronic measurement devices, corporate and departmental servers, UNIX servers/workstations, CAD/CAM/CAE workstations, network workstations, hubs/routers/bridges, and more.

Package Includes

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

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

Specifications

OUTPUT	
Frequency compatibility	50 / 60 Hz
Output VA	10000
Output watts	7000
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
Outlet quantity / type	Hardwire
INPUT	
Recommended Electrical Service	50A 208V
Input connection type	Hardwire
Voltage compatibility (VAC)	208; 240
BATTERY	
Expandable battery runtime	Supports extended runtime with optional external battery pack BP240V10RT3U (multi-pack compatible)
DC system voltage (VDC)	240
Battery Access	Batteries contained in separate battery enclosure
Full load runtime	12 min. (10kVA)
Half load runtime	31 min. (5kVA)
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
LEDS ALARMS & SWITCHES	
Alarms	Yes

Front panel LEDs	Yes, plus LCD screen

SURGE / NOISE SUPPRESSION

UPS AC suppression joule rating	Conforms to IEEE 587 / ANSI C62.41 specifications
EMI / RFI AC noise suppression	Yes
AC suppression response time	Instantaneous

PHYSICAL

Shipping weight (lbs)	610
Shipping weight (kg)	276.9
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
Cooling method	Cooling fan
Material of construction	Steel
Form factors supported	Tower

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
Software and cabling included	Yes

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode	Zero
Low voltage transfer to battery power	280
High voltage transfer to battery power	156

SPECIAL FEATURES

Appearance	Attractive gray tower UPS

CERTIFICATIONS

Certifications	Tested to UL1778 (USA), cUL (Canada), CE (Europe)

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

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=29.