# 10KVA 7000W 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 | |
|---|---|
| Input Phase | Single-Phase |

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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 |

| **OUTPUT** | |
|---|---|
| Output Capacity (VA) | 10000 |
| Frequency Compatibility | 50 / 60 Hz |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| 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** | |
|---|---|
| Runtime Full Load (min.) | 12 min. |
| Runtime Half Load (min.) | 31 min. |
| Expandable Runtime | Yes |
| Expandable Runtime Description | Supports extended runtime with optional external battery pack  <a class="productLink" href="//tripplite.eaton.com/external-240v-tower-battery-pack-tripp-lite-3-phase-ups-systems-3u~BP240V10RT3U">BP240V10RT3U</a>  (multi-pack compatible) |
| 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** | |
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| Front Panel LEDs | Yes, plus LCD screen |
| Audible Alarm | Yes |

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| **SURGE / NOISE SUPPRESSION** | |
| EMI / RFI AC Noise Suppression | Yes |
| AC Suppression Response Time | Instantaneous |

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| **PHYSICAL** | |
| Primary Form Factor | Tower |
| Material of Construction | Steel |
| Cooling Method | Cooling fan |
| Form Factors Supported | Tower |
| Shipping Dimensions (hwd / in.) | 61.00 x 60.00 x 34.00 |
| Shipping Dimensions (hwd / cm) | 154.94 x 152.40 x 86.36 |
| Shipping Weight (lbs.) | 745.00 |
| Shipping Weight (kg) | 337.93 |
| Unit Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| Unit Dimensions (hwd / cm) | Power Module 74.9 x 44.5 x 78.7, Battery Pack 74.9 x 44.5 x 78.7 |

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| **ENVIRONMENTAL** | |
| Relative Humidity | 0 to 95%, non-condensing |

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| **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 |

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| **LINE / BATTERY TRANSFER** | |
| Transfer Time (Line Power to Battery Mode) | Zero |
| Low Voltage Transfer to Battery Power | 280 |
| High Voltage Transfer to Battery Power | 156 |

| | |
|---|---|
| **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 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>  |

1000 Eaton Boulevard

Cleveland, OH 44122

United States

https://tripplite.eaton.com