

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

SmartOnline 208 & 120V UPS – On-Line Double Conversion, 5kVA, 4.5kW, 6U, Network Card Option, TAA Compliant

MODEL NUMBER: SU5000RT4UTFTAA





208 to 120V UPS protects high- and low-voltage equipment against damage from blackouts, brownouts, surges and line noise.

Features

Protects Mission-Critical Rack-Mounted Equipment against Damage, Downtime and Data Loss This TAA-compatible UPS system protects connected equipment against damage, downtime and data loss due to power outages, voltage fluctuations and transient surges. Featuring a 4500W capacity, high 0.9 power factor, true on-line operation with pure sine wave output and zero transfer time to battery, the SmartOnline® SU5000RT4UTFTAA provides the highest level of battery backup and AC power protection for critical server, network and telecom equipment. The 6U form factor includes a 4U online double-conversion UPS and a 2U step-down isolation transformer, which allows this 208 to 120V UPS system to support both high- and low-voltage equipment.

Reliable Battery Backup with Expandable Runtime Options

UPS battery backup keeps connected equipment operational through short power failures, and provides time to save data and perform an orderly system shutdown in case of a prolonged blackout. The internal battery set provides 11 minutes of support at half load and 3.5 minutes at full load. During normal operation, incoming utility power keeps the battery fully charged so backup power will be available when needed. For mission-critical applications demanding continuous uptime, the 208 to 120V UPS can provide expandable runtime with optional external battery packs, such as Tripp Lite's field-replaceable, hotswappable BP192V12RT3UTAA (sold separately). A battery-independent restart ensures automatic UPS power-up after lengthy power outages, even with expired batteries.

Economy Mode Helps the Environment and Your Cash Flow

Operating with a high 96% efficiency in optional economy mode, the SU5000RT4UTFTAA significantly reduces BTU heat output, cooling requirements and operating energy costs.

Intuitive Front-Panel Interface for Convenient UPS Operation and Monitoring

Front-panel LEDs indicate line power, online mode, economy/bypass mode, on-battery, charger and AC output status at a glance. The LCD readout with scroll controls supports visual monitoring of a variety of control options to support advanced UPS settings and configurations. The panel rotates for comfortable viewing in rack-mount or tower configuration.

Surge Protection and EMI/RFI Line Noise Filtering Keep Your Equipment Safe

Network-grade surge protection instantaneously safeguards connected components from the harmful

Highlights

- Zero transfer time between AC power and battery for uninterrupted operation
- 96% efficiency in economy mode uses less electricity and helps lower operating costs
- 2U step-down transformer supports power protection of both high- and low-voltage components
- Optional external batteries provide additional runtime for essential applications
- Complies with the Federal Trade
 Agreements Act (TAA) for GSA
 Schedule purchases

Applications

- Delivering perfectly regulated sine wave output to missioncritical equipment
- Protecting connected components from dangerous surges, spikes and line noise
- Keeping equipment operational through short power failures
- Allowing time to save data and safely shut down components in case of a prolonged blackout

Package Includes

- SU5000RT4UHVTAA doubleconversion UPS system
- SU5000XFMR2UTAA stepdown isolation transformer
- USB cable
- DB9 cable
- EPO cable



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effects of power surges. Various electrical and radio sources can also cause disruptive interference on the AC line, which can result in incremental hardware damage, data corruption and performance problems. By providing regulated, filtered, pure sine wave AC output, the SU5000RT4UTFTAA completely isolates connected equipment from disruptive line noise.

- · Rack-mounting hardware
- Owner's manual

Optional WEBCARDLX Network Interface Offers 24/7 Access

An accessory slot accommodates the optional Java-free HTML5-based WEBCARDLX interface (sold separately), which enables full remote access for site power and UPS status monitoring, configuration, control and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Automated alerts help prevent accidental overloads, power loss and downtime.

Advanced Communications Ports

USB and DB9 ports (cables are included) enable data-saving unattended shutdown of connected systems when used with Tripp Lite's free downloadable PowerAlert® software. Capabilities include detailed monitoring of load levels, self-test data and utility power conditions.

Versatile Installation Options

Hardware is included for mounting the 208 to 120V UPS system in 6U of space in an EIA-standard 19-inch 4-post rack. Use two optional 2POSTRMKITHD kits for 2-post rack mounting or the optional 2-9USTAND for mounting in an upright tower position.

TAA-Compliant UPS for GSA Schedule Purchases

The SU5000RT4UTFTAA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

2-Year Warranty and \$250K Ultimate Lifetime Insurance

The SU5000RT4UTFTAA comes with a 2-year warranty and \$250,000 of Ultimate Lifetime Insurance for any connected components damaged by a power surge (U.S., Canada and Puerto Rico only).

Specifications

| OVERVIEW | | |
|--|---|--|
| UPC Code | 037332224491 | |
| OUTPUT | | |
| Output Volt Amp Capacity (VA) | 5000 | |
| Output kVA Capacity (kVA) | 5.00 | |
| Output Watt Capacity (Watts) | 4500 | |
| Output kW Capacity (kW) | 4.50 | |
| Output Capacity Details | Supports up to 105% load continuously in double conversion mode, 106 to 125% for 1 minute, 126% to 150% for 30 seconds; Loads over 150% trigger immediate bypass mode operation to support loads directly from mains power; Double conversion mode is automatically restored as the overload is cleared | |
| Power Factor | 0.9 | |
| Crest Factor | 3:1 | |
| Nominal Output Voltage(s) Supported | 120V; 208V | |
| Nominal Voltage Details | 208V default power module setting; This configuration requires the Power Module be set to 208V output voltage; Included step-down transformer supports 120V output | |



| Frequency Compatibility Details Output Voltage Regulation (Line Mode) Output Voltage Regulation (Line Mode) 4/- 2% Output Voltage Regulation (Battery Mode) Output Voltage Regulation (Battery Mode) Output Receptacles (12) 5-15/20R; (2) L6-20R; (2) L6-30R Output Circuit Breakers Output Receptacles (12) 5-15/20R; (2) L6-20R; (2) L6-30R Output Circuit Breakers Output Circuit Breakers Output AC Waveform (AC Mode) Pure sine wave Output AC Waveform (Battery Mode) Pure Sine wave Output AC Waveform (Battery Pure Sine wave Output AC Waveform (Battery Pure Sine wave NPUT Rated input current (Maximum Load) AVA (208V) Nominal Input Voltage(s) Supported UPS Input Conduction Type L6-30P UPS Input Cord Length (It) UPS Input Cord Length (It) UPS Input Cord Length (IT) 10 UPS Input Cord Length (IT) 3.1 Recommended Electrical Service 30A Input Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA; -ca classes* productLink* hrefe*//www.tripplite.com/external-192v-tower-battery-pack-forsetter-services-se | | |
|--|---|---|
| Output Voltage Regulation (Line Mode) Output Voltage Regulation (Economy Line Mode) Output Voltage Regulation (Battery Mode) Output Voltage Regulation (Battery Mode) Output Receptacles (12) 5-15/20R; (2) L6-20R; (2) L6-30R Output Receptacles (12) 5-15/20R; (2) L6-20R; (2) L6-30R Output Receptacles Output Receptacles Output RC Waveform (AC Mode) Pure sine wave Output AC Waveform (Battery Mode) INPUT Rated input current (Maximum Load) 244 (208V) Nominal Input Voltage(s) Supported UPS Input Cord Length (IL) 10 UPS Input Cord Length (IL) 11 UPS Input Cord Length (IL) 12 UPS Input Cord Length (IL) 13 Naminated Battery (IL) 14 UPS Input Cord Length (IL) 15 UPS Input Cord Length (IL) 16 UPS Input Cord Length (IL) 17 UPS Input Cord Length (IL) 18 Single-Phase BATTERY Full Load Runtime (min.) 19 Single-Phase Single-Phase BATTERY Full Load Runtime (min.) 19 Single-Phase External Battery Pack Compatibility Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA, ca class="production" Inverse" Vivwew trippiles com/vivatemal-192V-tower-battery-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forsetting-pack-forse | Frequency Compatibility | 60 Hz |
| Mode) Output Voltage Regulation (Battery M-2% Output Voltage Regulation (Battery M-2% Output Receptacles (12) 5-15/20R; (2) L6-20R; (2) L6-30R Output Circuit Breakers High voltage 20A breaker protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protect 3 5-15/20R outlets each Output AC Waveform (AC Mode) Pure sine wave Output AC Waveform (Battery Pure Sine wave Output AC Waveform (Battery Pure Sine wave Output AC Waveform (Battery Pure Sine wave Output AC Waveform (Maximum Load) Pure Sine wave Normal Input Voltage(s) Supported 208V AC UPS Input Cornection Type L6-30P UPS Input Cord Longth (ft) 10 UPS Input Cord Longth (ft) 10 UPS Input Cord Longth (ft) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility September 1912/12RT3UTAA, Sinbap-a classe="product Link" hnef-"/www.trippilte.com/external-192-vtower-battery-pack-forselect-input-line-Senbasp: DC System Voltage (VDC) 192 Battery Recharge Rate (Included Steps) 46 hours from 10% to 90% (typical, full load discharge) Internal UPS Replacement Battery Front panel battery access door Battery Recess Front panel battery access door Battery Replacement Description Hot-swappable, user replaceable batteries Front panel batteries (accessed oor) | Frequency Compatibility Details | Output frequency regulation +/- 0.05Hz (free running) |
| Output Voltage Regulation (Battery Mode) Output Receptacles Output Circuit Breakers High voltage 20A breaker protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protects L6-20R outlets, L6-30R outlets, | Output Voltage Regulation (Line Mode) | +/- 2% |
| Mode) Mode) Output Receptacles (12) 5-15/20R; (2) L6-20R; (2) L6-30R Output Circuit Breakers High voltage 20A breaker protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protect 3-6-5/20R outlets each Output AC Waveform (AC Mode) Pure sine wave Output AC Waveform (Battery Mode) Pure Sine wave INPUT Rated input current (Maximum Load) VPS Input Cornection Type 208V AC UPS Input Cornection Type L6-30P UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Sph192/12/RT3UTAA, 8nbspa class="productLink" href="//www.trippite.com/external-192v-lower-battery-pack-for-pPt-le-a-8nbsp; DC System Voltage (VDC) 192 Battery Recharge Rate (Included Batteries) 6 hours from 10% to 90% (typical, full load discharge) Britaria Luncy PS Replacement Battery 6 hours from 10% to 90% (typical, full load dis | Output Voltage Regulation (Economy Line Mode) | +/- 10% |
| Dutput Council Breakers High voltage 20A breaker protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protect 3 5-15/20R outlets each | Output Voltage Regulation (Battery Mode) | +/- 2% |
| Output AC Waveform (AC Mode) Output AC Waveform (Battery Mode) Pure sine wave NPUT Rated input current (Maximum Load) Voltage(s) Supported Output AC Waveform (Battery Mode) Nominal Input Voltage(s) Supported Output AC Waveform (Battery Mode) Output AC Waveform (Battery Mode) Nominal Input Voltage(s) Supported Output AC Waveform (Battery Mode) Output Connection Type L6-30P UPS Input Cord Length (ft.) Output Phase UPS Input Cord Length (m) Single-Phase BATTERY BATTERY Full Load Runtime (min.) S.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility DP192V12RT3UTAA\ ca class="productLink" href="//www.tripplite.com/external-192v-tower-battery-pack-for-splect-ripp-lie-ups-systems-su5000rt4u-su6000rt4u-su8000rt4u-BP192V787C-1PH'>BP192V787C-1PH | Output Receptacles | (12) 5-15/20R; (2) L6-20R; (2) L6-30R |
| Output AC Waveform (Battery Mode) Pure Sine wave INPUT Rated input current (Maximum Load) 24A (208V) Nominal Input Voltage(s) Supported 208V AC UPS Input Connection Type 16-30P UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12R T3UTAA,8nbsp;-a class="productLink" href="//www.tripplite.com/external-192v-tower-battery-pack-for-spH-/a-8-absp; DC System Voltage (VDC) 192 Battery Recharge Rate (Included atteries) 6 hours from 10% to 90% (typical, full load discharge) Internal UPS Replacement Battery Anbsp; <a "www.tripplite.com="" "www.tripplite<="" 4u-ups-replacement-192vdc-battery-cartridge-1-set-of-fatteries="" chaps="replaceable-tale-" td="" www.tripplite.com=""><td>Output Circuit Breakers</td><td>High voltage 20A breaker protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protect 3 5-15/20R outlets each</td> | Output Circuit Breakers | High voltage 20A breaker protects L6-20R outlets, L6-30R outlets are unbreakered; Low voltage 20A breakers protect 3 5-15/20R outlets each |
| INPUT Rated input current (Maximum Load) 24A (208V) Nominal Input Voltage(s) Supported 208V AC UPS Input Connection Type L6-30P UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA,8nbsp.ca class="product.ink" href="//www.tripplite.com/external-132v-tower-battery-pack-for-spH-/da- ." DC System Voltage (VDC) 192 Battery Recharge Rate (Included Battery & 8nbsp.ca class="product.ink" href="//www.tripplite.com/du-une-battery-cartridge-1-set-of-le-Trippl-te-gmartOnline-UPS-RBC5-192">-RBC5-192"<-RBC5-192">-RBC5-192"<-RBC5-192">-RBC5-192"<-RBC5- | Output AC Waveform (AC Mode) | Pure sine wave |
| Rated input current (Maximum Load) 24A (208V) Nominal Input Voltage(s) Supported 208V AC UPS Input Connection Type L6-30P UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA;Anbsp;-a class="productLink" href="//www.tripplite.com/external-192v-tower-battery-pack-for-split-ups-systems-su5000rt4u-su6000rt4u-su6000rt4u-BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BT192V787C-1PH">BP192V787C-1PH">BT | | Pure Sine wave |
| Nominal Input Voltage(s) Supported 208V AC UPS Input Connection Type L6-30P UPS Input Cord Length (ft.) 10 UPS Input Cord Length (m) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA: B | INPUT | |
| UPS Input Cond Length (ft.) UPS Input Cord Length (ft.) UPS Input Cord Length (m) 3.1 Recommended Electrical Service 30A Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA; BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BATTERY Pack for-select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-su6000rt4u-BP192V787C-1PH">BATTERY Pack for-select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-su6000rt4u-BP192V787C-1PH">BATTERY Pack for-select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-BP192V787C-1PH">BATTERY Pack for-select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-BP192V787C-1PH">BATTERY Pack for-select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-su6000rt4u-BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BATTERY Pack for-select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-su6000rt4u-BP192V787C-1PH">BP | UPS Input Connection Type | L6-30P |
| Recommended Electrical Service 30A Single-Phase Single-Ph | UPS Input Cord Length (ft.) | 10 |
| Input Phase Single-Phase BATTERY Full Load Runtime (min.) 3.5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility Select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-su8000rt4u-BP192V787C-1PH">BP192V12RT3UTAA; BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH = BP192V128T3UTAA; BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH">BP192V787C-1PH = BP192V787C-1PH = B | UPS Input Cord Length (m) | 3.1 |
| Full Load Runtime (min.) As 5 minutes (4500w) Half Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA; -RBC5-192"<!---RBC5-192"-->-RBC5-192"<!---RBC5-192"-->-RBC5-192"<!---RBC5-192"-->-RBC5-192"<!---RBC5-192"</-RBC5-192"</-RBC5-192"-->-RBC5-192"<!---RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RBC5-192"</-RB</td--><td>Recommended Electrical Service</td><td>30A</td> | Recommended Electrical Service | 30A |
| Full Load Runtime (min.) 11 minutes (2250w) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA; BP192V787C-1PH" | Input Phase | Single-Phase |
| Half Load Runtime (min.) Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA; BP192V78 | BATTERY | |
| Expandable Battery Runtime Supports extended runtime with optional external battery packs External Battery Pack Compatibility BP192V12RT3UTAA; BP | Full Load Runtime (min.) | 3.5 minutes (4500w) |
| External Battery Pack Compatibility BP192V12RT3UTAA; BP192V787C-1PH ">BP192V787C-1PH ">BP192V787C-1P | Half Load Runtime (min.) | 11 minutes (2250w) |
| select-tripp-lite-ups-systems-su5000rt4u-su8000rt4u-su8000rt4u-BP192V787C-1PH">BP192V787C-1PH" | Expandable Battery Runtime | Supports extended runtime with optional external battery packs |
| Battery Recharge Rate (Included Batteries) Internal UPS Replacement Battery Cartridge RBC5-192 -As (qty 1) Battery Access Front panel battery access door Battery Replacement Description Hot-swappable, user replaceable batteries | External Battery Pack Compatibility | select-tripp-lite-ups-systems-su5000rt4u-su6000rt4u-su8000rt4u~BP192V787C-1PH">BP192V787C- |
| Batteries) Internal UPS Replacement Battery Cartridge RBC5-192 /a> (qty 1) Battery Access Front panel battery access door Hot-swappable, user replaceable batteries | DC System Voltage (VDC) | 192 |
| Cartridge 16-Tripp-Lite-SmartOnline-UPS~RBC5-192">RBC5-192 (qty 1) Battery Access Front panel battery access door Battery Replacement Description Hot-swappable, user replaceable batteries | | 6 hours from 10% to 90% (typical, full load discharge) |
| Battery Replacement Description Hot-swappable, user replaceable batteries | | RBC5-192">RBC5-192 |
| | Battery Access | Front panel battery access door |
| | Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime Yes | Expandable Runtime | Yes |





| Voltage Regulation Description | Online, double-conversion power conditioning |
|---|--|
| Overvoltage Correction | 2% output voltage regulation during overvoltages to 280V (full load) / 300V (90% load or less) |
| Undervoltage Correction | 2% output voltage regulation during undervoltages to 156V (full load) / 100V (50% load or less) |
| USER INTERFACE, ALERTS & CON | TROLS |
| Front Panel LCD Display | Selectable LCD display with scroll and selection buttons enables UPS control and detailed monitoring options; LED/LCD panel rotates for viewing in rack/tower formats (see manual) |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation; 2 additional switches support set and execute scrolling LCD functions |
| Alarm Cancel Operation | Alarm cancel switch |
| Audible Alarm | Unique audible alarms for all major UPS, environmental and power conditions (see manual) |
| LED Indicators | 6 LEDs indicate line power, online mode, economy/bypass mode, on-battery, charger and AC output status; LCD screen offers additional information and control options |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Included Mounting Accessory Description | 2 sets of adjustable 4 post rack rails included |
| Installation Form Factors Supported with Optional Accessories | 2 post rackmount (2POSTRMKITHD); Tower (2-9USTAND) |
| Optional Mounting Accessory Notes | 2 sets of 2POSTRMKITHD required for 2 post rackmount installation of separate 4U power module and 2U transformer |
| Primary Form Factor | Rackmount |
| UPS Power Module Dimensions (hwd, in.) | 6.85 x 17.50 x 20.67 |
| UPS Power Module Dimensions (hwd, cm) | 17.40 x 44.45 x 52.50 |
| Rack Height (U Spaces) | 6 |
| Maximum Device Depth (in.) | 21 |
| Maximum Device Depth (cm) | 53.34 |
| Minimum Required Rack Depth without External Battery Pack (cm) | 65 |
| Minimum Required Rack Depth with External Battery Pack (cm) | 73 |
| Minimum Required Rack Depth without External Battery Pack (in.) | 25.67 |
| Minimum Required Rack Depth with External Battery Pack (in.) | 28.67 |
| UPS Power Module Weight (lbs.) | 114 |



| UPS Power Module Weight (kg) | 51.71 | |
|---|---|--|
| Stepdown Transformer Dimensions (hwd / in.) | 3.50 x 17.50 x 20.75 | |
| Stepdown Transformer Dimensions (hwd / cm) | 8.89 x 44.45 x 52.70 | |
| Stepdown Transformer Weight (lbs.) | 76 | |
| Stepdown Transformer Weight (kg) | 34.47 | |
| Shipping Dimensions (hwd / in.) | 22.20 x 23.60 x 29.10 | |
| Shipping Dimensions (hwd / cm) | 56.39 x 59.94 x 73.91 | |
| Shipping Weight (lbs.) | 227.80 | |
| Shipping Weight (kg) | 103.33 | |
| Cooling Method | Fan | |
| UPS Housing Material | Sheet metal | |
| Maximum Device Depth (mm) | 533 | |
| Stepdown Transformer Height (mm) | 89 | |
| Stepdown Transformer Width (mm) | 445 | |
| Stepdown Transformer Depth (mm) | 527 | |
| Primary UPS Height (mm) | 174 | |
| Primary UPS Width (mm) | 445 | |
| Primary UPS Depth (mm) | 525 | |
| ENVIRONMENTAL | | |
| Operating Temperature Range | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius | |
| Storage Temperature Range | 5 to 122 F / -15 to 50 C | |
| Relative Humidity | 5% to 90% (non-condensing) | |
| AC Mode BTU / Hr. (Full Load) | 1767 | |
| AC Economy Mode BTU / Hr. (Full Load) | 640 | |
| Battery Mode BTU / Hr. (Full Load) | 1708 | |
| AC Mode Efficiency Rating (100% Load) | 90% | |
| AC Economy Mode Efficiency Rating (100% Load) | 96% | |
| Operating Elevation (ft.) | 0 to 6560 ft. / 0 to 2000 m | |
| Audible Noise | 65 dB at 1m front side | |
| Operating Elevation (m) | 0-2000 m | |
| COMMUNICATIONS | | |





| Communications Interface | USB (HID enabled); DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface |
|---|---|
| Network Management Cards | SNMPWEBCARD; TLNETCARD; WEBCARDLX; MODBUSCARD; RELAYIOCARD /a> |
| Network Monitoring Port Description | Two contact closure monitoring options available - RELAYIOCARD with six configurable contact closure outputs (uses UPS card slot) and RELAYIOMINI with 3 configurable contact closure outputs (requires removal of USB port module) |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | USB, DB9 serial and EPO cables included |
| WatchDog Compatibility | Yes |
| LINE / BATTERY TRANSFER | |
| Transfer Time | No transfer time (0 ms.) in online, double-conversion mode |
| Low Voltage Transfer to Battery Power (Setpoint) | 156V (full load) / 100V (50% load or less, derates linearly) |
| High Voltage Transfer to Battery Power (Setpoint) | 280V (full load) / 300V (90% load or less) |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Automatic inverter bypass; Hot swappable batteries |
| Green Energy-Saving Features | High efficiency economy mode operation; Support for daily startup and shutoff; Schedulable daily hours of economy mode operation |
| CERTIFICATIONS | |
| UPS Certifications | Meets FCC Part 15 Category B (EMI); ROHS (Restriction of Hazardous Substances); TAA Compliant; Tested to CSA (Canada); Tested to UL1778 (USA) |
| UPS Certification Details | IEC 61000-4-5 1995 B Surge Immunity |
| 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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