# SmartPro 230V 1.5kVA 940W Line-Interactive UPS, Tower, DB9, 6 Outlets

MODEL NUMBER: **SMARTINT1500**

## Highlights

- Corrects under- and overvoltages from 165V to 277V
- 6 IEC-320-C13 outlets
- Front-panel LEDs indicate load, power and battery statuses
- Monitoring of power conditions via PowerAlert®
- 20 min. runtime at half load; 7 min. at full load

## Package Includes

- SMARTINT1500 SmartPro 230V 1.5kVA 940W Line-Interactive UPS
- (2) IEC-320 C13-to-C14 power cables
- (2) DB9 cables
- Owner's manual

## Description

The SMARTINT1500 SmartPro 230V 1.5kVA 940W Line-Interactive UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. Ideal for backing up VoIP systems, point-of-sale applications and network closets, the SMARTINT1500 switches to battery mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss.

Featuring six IEC-320-C13 outlets and two C13-to-C14 power cords, the SMARTINT1500 has an internal battery that provides 20 minutes of support at half load and seven minutes at full load. Front-panel LEDs indicate line power, battery power, load level, voltage regulation and battery status. An alarm sounds to indicate power failure or a low battery.

Automatic voltage regulation (AVR) maintains 230V nominal output over an input range of 165V to 277V without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 480-joule surge suppression rating protects your equipment from harmful power surges. With Tripp Lite's PowerAlert software (available via free download), SMARTINT1500 enables safe unattended system shutdown and file saves in case of a prolonged power failure.

## Features

### Protects Mission-Critical Equipment

- Provides fully regulated AC output for VoIP systems, point-of-sale applications and network closets
- Audible alarm signals loss of utility power or low battery
- 6 IEC-320-C13 outlets
- C14 inlet
- 480-joule surge suppression rating

### Reliable Battery Backup

- Supports half load up to 20 min. and full load up to 7 min.
- Internal batteries designed for hot-swap field replacement

- 94% line-power efficiency rating saves money in energy costs
- Cold-start capability enables turn-on in battery mode during blackouts

**Automatic Voltage Regulation (AVR)**

- Maintains 230V nominal output over input range of 165V–277V without using battery power

**EMI/RFI Line Noise Filtering**

- Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

**LED Indicators**

- Front-panel LEDs signal indicate line power, battery power, load level, voltage regulation and battery status

**Communications Port**

- DB9 port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert

**Small-Footprint Tower Housing**

- Mounts on wall with optional UPSWM accessory

# Specifications

| OUTPUT | |
|---|---|
| Output Volt Amp Capacity (VA) | 1500 |
| Output kVA Capacity (kVA) | 1.5 |
| Output Watt Capacity (Watts) | 940 |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Nominal Voltage Details | 230V nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | -15%, +8% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Receptacles | (6) C13 |
| Included Output Power Cables | Includes 2 C13 to C14 output power cables |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| INPUT | |

| Rated input current (Maximum Load) | 6.5A |
|---|---|
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | C14 inlet |
| Input Circuit Breakers | 10A |
| Input Phase | Single-Phase |

### BATTERY

| | |
|---|---|
| Full Load Runtime (min.) | 7 min. (940w) |
| Half Load Runtime (min.) | 20 min. (470w) |
| DC System Voltage (VDC) | 36 |
| Battery Recharge Rate (Included Batteries) | Less than 4 hours from 10% to 90% (typical, full load discharge) |
| Internal UPS Replacement Battery Cartridge | RBC53 |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | No |

### VOLTAGE REGULATION

| | |
|---|---|
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 166 to 277 |
| Overvoltage Correction | Input voltages between 243 and 277 are reduced by 12% |
| Undervoltage Correction | Input voltages between 191 and 215 are boosted by 10% |
| Severe Undervoltage Correction | Input voltages between 165 and 190 are boosted by 22% |

### USER INTERFACE, ALERTS & CONTROLS

| | |
|---|---|
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Audible Alarm | Audible alarm indicates power-failure and low-battery conditions |
| LED Indicators | 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status |

### SURGE / NOISE SUPPRESSION

| | |
|---|---|
| UPS AC Suppression Joule Rating | 480 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |

### PHYSICAL

| | |
|---|---|
| Installation Form Factors Supported with Optional Accessories | Wallmount(UPSWM - tower mounting kit) |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 12.8 x 7.5 x 9.2 |
| UPS Power Module Dimensions (hwd, cm) | 32.51 x 19.05 x 23.37 |
| UPS Power Module Weight (lbs.) | 38.6 |
| UPS Power Module Weight (kg) | 17.51 |
| UPS Shipping Dimensions (hwd / in.) | 18.2 x 12 x 13.8 |
| UPS Shipping Dimensions (hwd / cm) | 46.23 x 30.48 x 35.05 |
| Shipping Weight (lbs.) | 43.2 |
| Shipping Weight (kg) | 19.6 |
| UPS Housing Material | Polycarbonate |
| Primary UPS Height (mm) | 325 |
| Primary UPS Width (mm) | 190 |
| Primary UPS Depth (mm) | 234 |
| Shipping Height (mm) | 462 |
| Shipping Width (mm) | 305 |
| Shipping Depth (mm) | 351 |

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature Range | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| Storage Temperature Range | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius |
| Relative Humidity | 0 to 95%, non-condensing |
| AC Mode Efficiency Rating (100% Load) | 94% |

### COMMUNICATIONS

| | |
|---|---|
| Communications Interface | DB9 Serial; Contact closure |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions; contact closure communications via 2nd DB9 port (2 total) |
| PowerAlert Software | For local monitoring via the UPS's built-in DB9 port, download PowerAlert Local software at http://www.tripplite.com/poweralert |
| Communications Cable | 2 DB9 cables included |

### LINE / BATTERY TRANSFER

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|---|---|
| Transfer Time | 2-4 milliseconds |

| | |
|---|---|
| Low Voltage Transfer to Battery Power (Setpoint) | 165 |
| High Voltage Transfer to Battery Power (Setpoint) | n/a |
| **SPECIAL FEATURES** | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Hot swappable batteries |
| **CERTIFICATIONS** | |
| UPS Certifications | Tested to UL1778 (USA); Tested to CSA (Canada); CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Tested to IRAM (Argentina) |
| UPS Certification Details | EMI approvals 62040 |
| **WARRANTY** | |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 2-year limited warranty |
| Product Warranty Period (Puerto Rico) | 2-year limited warranty |