

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

MODEL NUMBER: **SMARTINT1500**



Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Ideal solution for VoIP systems, point-of-sale applications and network closets.

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 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 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

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



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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 PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

Small-Footprint Tower Housing

- Mounts on wall with optional UPSWM accessory

Specifications

| OVERVIEW | |
|---------------------------------------|-------------------------------------|
| UPC Code | 037332033925 |
| UPS Type | Line-Interactive |
| INPUT | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 6.5A |
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | C14 inlet |
| Input Circuit Breakers | 10A |
| OUTPUT | |
| Output Capacity (VA) | 1500 |
| Output Capacity (kVA) | 1.5 |
| Output Capacity (Watts) | 940 |
| Output Capacity (kW) | 0.94 |
| 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% |



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TRIPP-LITE
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|--|--|
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| 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 |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Output Receptacles | (6) C13 |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 7 min. (940W) |
| Runtime Half Load (min.) | 20 min. (470W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 36 |
| Battery Recharge Rate (Included Batteries) | Less than 4 hours from 10% to 90% (typical, full load discharge) |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | RBC53 |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| 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 |

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|--------------------------------|-----|
| EMI / RFI AC Noise Suppression | Yes |
|--------------------------------|-----|

PHYSICAL

| | |
|---|---|
| Primary Form Factor | Tower |
| Installation Form Factors Supported with Included Accessories | Tower |
| Installation Form Factors Supported with Optional Accessories | Wallmount (UPSWM - tower mounting kit) |
| Primary UPS Depth (mm) | 234 |
| Primary UPS Height (mm) | 325 |
| Primary UPS Width (mm) | 191 |
| Shipping Dimensions (hwd / in.) | 17.00 x 11.20 x 13.10 |
| Shipping Dimensions (hwd / cm) | 43.18 x 28.45 x 33.27 |
| Shipping Weight (lbs.) | 40.30 |
| Shipping Weight (kg) | 18.28 |
| UPS Housing Material | Polycarbonate |
| UPS Power Module Dimensions (hwd, cm) | 32.51 x 19.05 x 23.37 |
| UPS Power Module Dimensions (hwd, in.) | 12.8 x 7.5 x 9.2 |
| UPS Power Module Weight (kg) | 17.51 |
| UPS Power Module Weight (lbs.) | 38.6 |
| Unit Weight (lbs.) | 38.6000 |
| Unit Weight (kg) | 17.51 |

ENVIRONMENTAL

| | |
|---------------------------------------|----------------------------|
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | 5° to 122°F (-15° to 50°C) |
| Relative Humidity | 0 to 95%, non-condensing |
| AC Mode Efficiency Rating (100% Load) | 94% |

COMMUNICATIONS

| | |
|-------------------------------------|---|
| 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 software at https://tripplite.eaton.com/products/power-alert |
| Communications Cable | 2 DB9 cables included |
| Network Management Card Description | Network management not supported |
| Communications Interface | Contact closure; DB9 Serial |



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| LINE / BATTERY TRANSFER | |
|---|---|
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 165 |
| FEATURES & SPECIFICATIONS | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Hot swappable batteries; Surge/noise protection |
| APPLICATIONS | |
| UPS Applications | Large Network; High-End Desktop/Small Network |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); GOST (Russia); IEC/EN 62040; IRAM (Argentina); UL 1778 |
| Product Compliance | RoHS; SASO (Saudi Arabia); CE (Europe) |
| WARRANTY & SUPPORT | |
| 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 |

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