

SmartPro 120V 2.2kVA 1.7kW Line-Interactive UPS, Tower, Extended run, 3 DB9 ports

MODEL NUMBER: **SMART2200NET**



Description

Tripp Lite's SMART 2200NET intelligent, line interactive large tower UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 27 minutes half load runtime and 11 minutes fully loaded. Runtime is expandable with optional BP24V28-2U (limit 1) and BP24V70-3U external battery packs. 2200VA/1700 watt power handling capability supports a variety of networking, telecom and other sensitive electronic applications. Includes 6 protected outlets. Supports remote monitoring of UPS and site power conditions via built-in RS-232 enabled monitoring port, plus standard UPS monitoring via 2 built in contact closure ports. PowerAlert UPS monitoring and unattended shutdown software is available via free download. Built-in audible alarm and front panel LEDs indicate line power, battery power, battery charge level, load level, plus voltage regulation status. Network grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges.

Features

- SMART 2200NET line interactive UPS offers battery derived AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 2200VA/1700 watt power handling capability supports a variety of networking, telecom and other sensitive electronic devices
- Large internal batteries offer runtimes of 27 minutes at half load (1100VA/850 watts) and 11 minutes at full load (2200VA/1700 watts)
- Runtime is further expandable with optional external BP24V28-2U (limit 1) and BP24V70-3U (multi-pack compatible) battery packs
- Intelligent battery management system extends battery life
- Automatic Voltage Regulation (AVR) circuits maintain 120V nominal output over an input voltage range of 87-140V

Highlights

- 2.2kVA / 2200VA line interactive, extended-run tower UPS
- 120V output, Corrects brownouts and overvoltages from 87V to 140V
- 3 DB9 communication ports (1 RS232 / 2 contact-closure)
- Front panel status LEDs with load and battery capacity display
- 2 independently switchable output load banks
- NEMA 5-15P input, 6 NEMA 5-15R outlets

Package Includes

- SMART2200NET UPS System
- Three 6ft network cables
- Instruction manual



- Includes 6 fully protected NEMA 5-15R outlets with 2 single outlet load banks that can be individually powered off and back on again via software interface
- DB9 ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- Offers simultaneous monitoring of up to 3 directly connected devices through included DB9 contact closure and RS-232 enabled interfaces
- In addition to the contact closure monitoring of on battery, low battery and power restored messaging, built-in RS-232 interface supports messaging of UPS and line power status, including AC line voltage, DC battery voltage and remaining battery capacity
- Supports activate self-test and UPS output power control for delayed or immediate reboot of connected equipment
- Diagnostic LEDs (indicate 17 performance conditions)

Specifications

| OVERVIEW | |
|--|---|
| UPC Code | 037332032041 |
| OUTPUT | |
| Output Volt Amp Capacity (VA) | 2200 |
| Output kVA Capacity (kVA) | 2.2 |
| Output Watt Capacity (Watts) | 1700 |
| Output kW Capacity (kW) | 1.7 |
| Power Factor | 0.8 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Line Mode) | -13% / +5% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Load Management Receptacles | Two switchable single outlet 5-15R load banks |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Output Capacity Details | Output is reduced to 1200W maximum with 1-2 external battery packs and 800W maximum with 3 or more external battery packs |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (6) 5-15R |



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| SURGE / NOISE SUPPRESSION | |
|--|--|
| UPS AC Suppression Joule Rating | 720 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Primary Form Factor | Tower |
| UPS Power Module Dimensions (hwd, in.) | 17 x 9 x 12.5 |
| UPS Power Module Dimensions (hwd, cm) | 43.18 x 22.86 x 31.75 |
| UPS Power Module Weight (lbs.) | 80 |
| UPS Power Module Weight (kg) | 36.29 |
| Shipping Dimensions (hwd / in.) | 13.75 x 16.50 x 22.50 |
| Shipping Dimensions (hwd / cm) | 34.92 x 41.91 x 57.15 |
| Shipping Weight (lbs.) | 81.00 |
| Shipping Weight (kg) | 36.74 |
| UPS Housing Material | Polycarbonate |
| Primary UPS Height (mm) | 432 |
| Primary UPS Width (mm) | 229 |
| Primary UPS Depth (mm) | 318 |
| 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 BTU / Hr. (Full Load) | 59 |
| Battery Mode BTU / Hr. (Full Load) | 867 |
| AC Mode Efficiency Rating (100% Load) | 99% |
| COMMUNICATIONS | |
| Communications Interface | DB9 Serial; Contact closure |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions; contact closure communications via two additional DB9 ports (3 total) |
| 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 | 3 DB9 cables included |



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| LINE / BATTERY TRANSFER | |
|---|--|
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 87 |
| High Voltage Transfer to Battery Power (Setpoint) | 140 |
| SPECIAL FEATURES | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| CERTIFICATIONS | |
| UPS Certifications | Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA) |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year warranty, 3 year with registration. Note: Registration is required for 3-year warranty. |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |

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