

## SmartPro 120V 3kVA 2.4kW Line-Interactive UPS, Tower, Extended Run, 3 DB9 ports

MODEL NUMBER: SMART3000NET



### Highlights

- 3kVA / 3000VA / 2400W line interactive, extended-run tower UPS
- 120V output, Corrects brownouts and overvoltages from 87V to 140V
- 3 DB9 ports (1 RS232 / 2 contact-closure)
- Front panel status LEDs with load and battery capacity display
- 2 independently switchable output load banks
- NEMA L5-30P input; 4 NEMA 5-15/20R & 4 NEMA 5-15R outlets

### Package Includes

- SMART 3000NET UPS System
- 3 DB9 network cables
- Instruction manual

### Description

SMART3000NET 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 23 minutes half-load runtime and 7 minutes fully loaded. Runtime is expandable with optional BP24V28-2U (limit 1) and BP24V70-3U (multi-pack compatible) external battery packs. 3000VA/2400W power handling capability supports a variety of networking, telecom and other sensitive electronic applications. Includes eight protected outlets. Supports remote monitoring of UPS and site power conditions via built-in RS-232 enabled monitoring port, plus standard UPS monitoring via two built-in contact closure ports. PowerAlert® UPS monitoring software is available for free download. Built-in audible alarm and front-panel LEDs indicate line power, battery power, battery charge level, load level and voltage regulation status. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges.

### Features

- SMART 3000NET line interactive UPS offers battery derived AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 3000VA/2400 watt power handling capability supports a variety of networking, telecom and other sensitive electronic devices
- Large internal batteries offer runtimes of 23 minutes at half load (1500VA/1200 watts) and 7 minutes at full load (3000VA/2400 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
- Includes 8 fully protected outlets (4 NEMA 5-15R & 4 NEMA 5-15/20R) with 2 single outlet load banks that can be individually powered off and back on again via software interface
- PowerAlert UPS monitoring and unattended shutdown software enables configurable network broadcast messaging, email notification, event logging and running user defined script commands
- Offers simultaneous monitoring of up to 3 directly connected devices through included DB9 contact closure and RS-232 enabled interfaces, or the monitoring of any number of additional servers over IP with PowerAlert UPS monitoring software (available for free download at [triplite.eaton.com/products/power-alert](http://triplite.eaton.com/products/power-alert))
- 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                                 | 037332032065  |
| UPS Type                                 | Line-Interactive  |
| INPUT                                    |   |
| Input Phase                              | Single-Phase  |
| Rated input current (Maximum Load)       | 22A   |
| Nominal Input Voltage(s) Supported       | 120V AC   |
| UPS Input Connection Type                | L5-30P  |
| UPS Input Cord Length (ft.)              | 8   |
| UPS Input Cord Length (m)                | 2.4   |
| Recommended Electrical Service           | 30A 120V  |
| OUTPUT                                   |   |
| Output Capacity (VA)                     | 3000  |
| Output Capacity (kVA)                    | 3   |
| Output Capacity (Watts)                  | 2400  |
| Output Capacity (kW)                     | 2.4   |
| Output Capacity Details                  | Output is reduced to 1600W maximum with 1 external battery pack and 1200W maximum with 2 or more external battery packs |
| 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 Circuit Breakers                  | 15A branch rated (x2) - each breaker protects 4 outlets   |
| Output AC Waveform (AC Mode)             | Sine wave   |
| Output AC Waveform (Battery Mode)        | PWM sine wave   |





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| Primary UPS Depth (mm)                             | 318  |
| Primary UPS Height (mm)                            | 432  |
| Primary UPS Width (mm)                             | 229  |
| Shipping Dimensions (hwd / in.)                    | 16.50 x 12.60 x 21.80  |
| Shipping Dimensions (hwd / cm)                     | 41.91 x 32.00 x 55.37  |
| Shipping Weight (lbs.)                             | 96.60  |
| Shipping Weight (kg)                               | 43.82  |
| UPS Housing Material                               | PVC  |
| UPS Power Module Dimensions (hwd, cm)              | 43.18 x 22.86 x 31.75  |
| UPS Power Module Dimensions (hwd, in.)             | 17 x 9 x 12.5  |
| UPS Power Module Weight (kg)                       | 40.37  |
| UPS Power Module Weight (lbs.)                     | 89   |
| Unit Dimensions (hwd / in.)                        | 17.000 x 9.000 x 13.000  |
| Unit Weight (lbs.)                                 | 80.0000  |
| Unit Weight (kg)                                   | 36.29  |
| <b>ENVIRONMENTAL</b>                               |  |
| 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 BTU / Hr. (Full Load)                      | 83   |
| AC Mode Efficiency Rating (100% Load)              | 99%  |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 1225   |
| <b>COMMUNICATIONS</b>                              |  |
| 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 software at <a href="https://tripplite.eaton.com/products/power-alert">https://tripplite.eaton.com/products/power-alert</a> |
| Communications Cable                               | 3 DB9 cables included  |
| Network Management Card Description                | Network management not supported   |
| Communications Interface                           | Contact closure; DB9 Serial  |
| <b>LINE / BATTERY TRANSFER</b>                     |  |
| Transfer Time                                      | 4 ms. typical  |



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|---|--|
| Low Voltage Transfer to Battery Power (Setpoint)            | 87   |
| High Voltage Transfer to Battery Power (Setpoint)           | 140  |
| <b>FEATURES &amp; SPECIFICATIONS</b>                        |  |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported   |
| High Availability UPS Features                              | Surge/noise protection   |
| <b>APPLICATIONS</b>   |  |
| UPS Applications  | Large Network  |
| <b>STANDARDS &amp; COMPLIANCE</b>                           |  |
| Product Certifications                                      | CSA (Canada); NOM (Mexico); UL 1778  |
| Product Compliance  | RoHS; FCC Part 15 Class A (USA)  |
| <b>WARRANTY &amp; SUPPORT</b>                               |  |
| Product Warranty Period (Worldwide)                         | 2-year warranty, 3 year with registration. Note: <a href="https://tripplite.eaton.com/support/product-warranty-registration">Registration is required</a> for 3-year warranty. |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico)  | \$250,000 <a href="https://tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>   |

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