

SmartPro UPS, Lithium Battery Backup - 120V, 1kVA, 800W, Line Interactive, 2U, Sine Wave, LCD, 6 Outlets

MODEL NUMBER: SMART1000RM2UL



UPS lithium battery backup protects equipment against damage, downtime and data loss due to blackouts, surges and line noise.

Features

Reliable LiFePO4 Battery Backup Offers Longer Life and Less Weight than Lead Acid Battery This SmartPro® UPS lithium battery backup features a state-of-the-art lithium iron phosphate (LiFePO4) internal battery with longer life, more cycles and faster recharge. It more than doubles the service life of an equivalent lead acid battery, and offers up to three times more charge/discharge cycles. It recharges to 100% capacity in less than three hours, making the lithium UPS system an ideal backup in case of power outage. The LiFePO4 battery has 60% the weight of an equivalent lead acid battery, which reduces the overall UPS weight.

120-Volt Battery Backup Keeps Equipment Operating Through Short Power Failures The SMART1000RM2UL provides up to 20 minutes (half load) and 8.3 minutes (full load) of battery backup, as well as AC power protection, for critical server, network and telecom equipment. In case of a prolonged blackout, the single-phase lithium UPS system gives you enough time to save important data and perform an orderly system shutdown.

Automatic Voltage Regulation (AVR) Conserves Battery Power With an 800W capacity (1000VA), the line-interactive UPS system with automatic voltage regulation (AVR) maintains regulated 120V nominal output over an input range of 83V-147V without using battery power. Conserving power allows your LiFePO4 battery to last longer and maintain full capacity until needed.

6 Outlets Protect Your Mission-Critical Rack Equipment Plug your equipment into the six NEMA 5-15R outlets. Four outlets are split into two dual-outlet load banks that are switchable via network interface. These four outlets let you power connected equipment on and off remotely to reset or reboot connected equipment or to shed less significant loads to extend battery runtime for more critical equipment. All six outlets are protected by 570-joule network-grade surge protection to fight off damaging power surges and spikes.

Premium Protection from EMI/RFI Line Noise Helps Your Equipment Perform Better This UPS system filters out disruptive electromagnetic and radio frequency interference that can inflict hardware damage or data loss. This EMI/RFI filtering also helps your connected components perform better and last longer.

High Efficiency Helps the Environment and Your Cash Flow Operating with a high 95% line-mode

Highlights

- Lithium UPS provides 1kVA capacity power protection for critical network components
- LiFePO4 battery backup lasts longer and weighs less than equivalent lead acid battery
- 6 NEMA 5-15R outlets—4 of them switchable—deliver power to rack equipment
- 570-joule surge protection shields connected devices from damaging surges and spikes
- High 95% line-mode efficiency helps save BTU heat output and energy costs

Applications

- Deliver regulated sine wave output to connected equipment in a network closet or small-business network
- Protect point-of-sale and VoIP networks against power surges and spikes
- Keep your server room operational during short power failures and allow time for safe shutdowns during longer blackouts
- Back up servers, network storage devices, telecom hardware and other applications where long battery lifespan is critical
- Provide high-level power protection with a low-maintenance design

Package Includes

- SMART1000RM2UL SmartPro UPS, Lithium Battery Backup
- USB cable
- DB9 cable
- EPO cable
- Rack-mounting hardware
- Owner's manual



Powering Business Worldwide

TRIPP LITE SERIES

efficiency, the 1kVA UPS system can save BTU heat output and energy costs.

Advanced Communications Ports Connect to Any Workstation or Server USB and DB9 ports (cables are included) enable data-saving unattended shutdown when used with free downloadable PowerAlert® software. Capabilities include detailed monitoring of equipment load levels, self-test data and utility power condition. The Emergency Power Off (EPO) interface offers options for instantaneous power-off of the UPS system and connected equipment in case of fire or other facility emergency.

Optional Network Management Cards Allow Detailed Monitoring of Conditions The SMART1000RM2UL is compatible with network management cards, such as WEBCARDLX, for detailed monitoring of UPS and site power conditions.

Multi-Function LCD and Audible Alarms Keep You Informed The front-panel LCD information and configuration screen displays detailed UPS and site power status and operating data, as well as input and output voltage, operating mode, alarm function and additional options. An alarm sounds to warn you of power failure, low battery, overload, UPS fault and remote shutdown conditions. The LCD screen rotates for easy viewing in rack-mount or tower configuration.

Versatile Installation Options Hardware is included for mounting the SmartPro UPS system in 2U of space in an EIA-standard 19-inch 4-post rack. Use the 2POSTRMKITWM (sold separately) for 2-post rack mounting or wall mounting or the UPSHDEARKIT (sold separately) for 2-post front-mount installation. Use the 2-9USTAND (sold separately) for mounting in an upright tower position. A 10-ft. (3.05 m) power cord with NEMA 5-15P plug connects the SMART1000RM2UL to a compatible AC power source.

Specifications

| OVERVIEW | |
|------------------------------------|------------------|
| UPC Code | 037332213099 |
| UPS Type | Line-Interactive |
| INPUT | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 9.2A (120V) |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| UPS Input Cord Length (ft.) | 10 |
| UPS Input Cord Length (m) | 3.1 |
| Recommended Electrical Service | 15A 120V |
| Maximum Input Amps | 9 |
| OUTPUT | |
| Output Capacity (VA) | 1000 |
| Output Capacity (kVA) | 1 |
| Output Capacity (Watts) | 800 |
| Output Capacity (kW) | 0.8 |
| Power Factor | 0.8 |



Powering Business Worldwide

TRIPP LITE
SERIES

| | |
|--|---|
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Load Management Receptacles | Two switchable two-outlet load banks |
| Output AC Waveform (AC Mode) | Pure Sine wave |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (6) 5-15R |
| Individually Controllable Load Banks | Yes |
| BATTERY | |
| Battery Type | Lithium-ion (LiFePO4) |
| Runtime Full Load (min.) | 8.3 min. (800W) |
| Runtime Half Load (min.) | 20 min. (400W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | 2.7 hours from 10% to 90% (typical) |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147 |
| Overvoltage Correction | Input voltages between 127 and 147 are reduced by 12% |
| Undervoltage Correction | Input voltages between 83 and 107 are boosted by 12% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Front panel LCD information and configuration screen offers detailed UPS and site power status and operating data, plus configuration of voltage, operating mode, alarm function and a variety of additional options (see manual for detailed LCD configuration and monitoring options) |
| Switches | 3 pushbutton switches control OFF / ON power status, MODE selection and MUTE / ENTER control functions |
| Alarm Cancel Operation | Power-fail alarm can be temporarily silenced using alarm-cancel switch; silent mode alarm configuration option available |
| Audible Alarm | Audible alarm indicates UPS startup, power-failure, low-battery, overload, UPS fault and remote shutdown conditions |
| SURGE / NOISE SUPPRESSION | |
| EMI / RFI AC Noise Suppression | Yes |
| AC Suppression Joule Rating | 570 |
| AC Suppression Response Time | Instantaneous |

| PHYSICAL | |
|---|--|
| Primary Form Factor | Rackmount |
| Rack Height | 2U |
| Cooling Method | Fan |
| Installation Form Factors Supported with Included Accessories | 4 post 19 inch rackmount |
| Installation Form Factors Supported with Optional Accessories | 2 post rackmount (2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM); 2-4 post front rail rackmount (Heavy-Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT); 4 post rackmount short-depth (4-Post-1U-Universal-Adjustable-Rack-Mount-Shelf-Kit-for-Wall-Mount-Racks~4POSTRAILKITWM); Tower (2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND); Wallmount (2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM); |
| Minimum Required Rack Depth (cm) | 40.64 |
| Minimum Required Rack Depth (inches) | 16 |
| Optional Mounting Accessory Notes | Optional 2-9USTAND ; enables upright tower UPS placement; 2-Post-Rack-Mount-Wall-Mount-Adapter-Kit-select-Rack-Mount-UPS-Systems~2POSTRMKITWM ; enables wall-mount and 2-post rackmount installation; 4-Post-1U-Universal-Adjustable-Rack-Mount-Shelf-Kit-for-Wall-Mount-Racks~4POSTRAILKITWM ; enables installation in 4-post short-depth racks from 14.5 to 23.5 inches (368 to 597mm); Heavy-Duty-2-post-Front-Mounting-Ear-Kit~UPSHDEARKIT ; enables installation in 2 or 4-post racks using front vertical rails only, without rear support |
| Primary UPS Depth (mm) | 318 |
| Primary UPS Height (mm) | 89 |
| Primary UPS Width (mm) | 441 |
| Shipping Dimensions (hwd / in.) | 8.70 x 18.50 x 23.30 |
| Shipping Weight (kg) | 17.92 |
| UPS Housing Material | Steel |
| UPS Power Module Dimensions (hwd, in.) | 3.5 x 17.35 x 12.5 |
| UPS Power Module Weight (kg) | 7.39 |
| UPS Power Module Weight (lbs.) | 16.3 |
| Unit Dimensions (hwd / in.) | 3.500 x 17.350 x 12.500 |
| Unit Weight (lbs.) | 16.300 |
| Unit Weight (kg) | 7.39 |
| Mounting Details | Included 4POSTRAILKIT mounting bracket enables installation in 4 post racks from 20.5 to 36 inches (521 to 914mm) |
| 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 | Up to 95% non-condensing |



Powering Business Worldwide

TRIPP LITE
SERIES

| | |
|---|---|
| AC Mode BTU / Hr. (Full Load) | 141 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| Audible Noise | 45.5 dBA maximum, front side 1m |
| COMMUNICATIONS | |
| Network Management Cards | WEBCARDLXE ; RELAYIOCARD |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions |
| Communications Cable | USB, DB9 and EPO cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network UPS Tools (NUT) Compatibility | NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite |
| Network Management Card Description | Network management card optional |
| Communications Interface | DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface; USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 4 milliseconds (AC to battery mode), 2 milliseconds (Battery to AC mode) |
| Low Voltage Transfer to Battery Power (Setpoint) | 83 |
| High Voltage Transfer to Battery Power (Setpoint) | 147 |
| FEATURES & SPECIFICATIONS | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Auto Probe Monitoring and Reboot (requires WEBCARDLX); Automatic Voltage Regulation (AVR); Remote management; Surge/noise protection |
| Green Energy-Saving Features | Individually controllable load banks |
| Grounding Details | Back panel grounding lug |
| APPLICATIONS | |
| UPS Applications | Large Network; High-End Desktop/Small Network; Retail/Point of Sale; Hospitality |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); UL 1778 |
| Product Compliance | RoHS; FCC Part 15 Class B (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 5-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |



Powering Business Worldwide

TRIPP LITE
SERIES

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2026 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.