



Powering and Connecting Your World

## NEW PRODUCT ANNOUNCEMENT

### SmartPro® Extreme Temperature Network UPS Systems

# Keep Mission-Critical Equipment Powered in Severe Cold or Heat

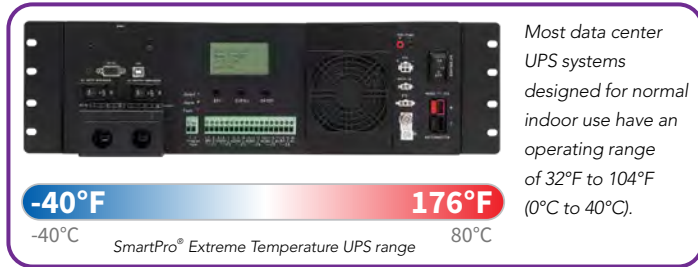


Model: SMART1548ET

#### Perfect for:

Traffic signals and signs, harsh industrial environments and equipment closets in edge networking facilities.

If your equipment must operate in extreme temperatures, then its power protection should too. Tripp Lite's new SMART1524ET and SMART1548ET SmartPro extreme temperature network UPS systems are designed to provide reliable battery backup in temperatures far outside normal operating ranges for most UPS systems. A 24V and 48V model provide up to 1600W of clean, reliable power during outages, brownouts and other power irregularities. With a wide range of management capabilities and installation options, they help make equipment that operates in extreme temperatures more dependable.



Most data center UPS systems designed for normal indoor use have an operating range of 32°F to 104°F (0°C to 40°C).

**-40°F** **176°F**  
-40°C SmartPro® Extreme Temperature UPS range 80°C

## Key Benefits

### TEMPERATURE RESILIENCE

- Rugged UPS system provides reliable power protection to connected equipment in temperatures from -40°F to 176°F (-40°C to +80°C).
- Temperature-compensated battery charging extends the life of connected batteries by optimizing charging.
- Special conformal coating covers internal circuitry to protect against extreme temperatures.

### ROBUST PERFORMANCE

- Line-interactive UPS uses automatic voltage regulation (AVR) during brownouts or overvoltages to maintain usable power without draining the UPS battery.
- Pure sine wave output in both AC and Battery modes delivers smooth power continuously.
- EMI/RFI line noise filtering helps connected equipment perform better and last longer.

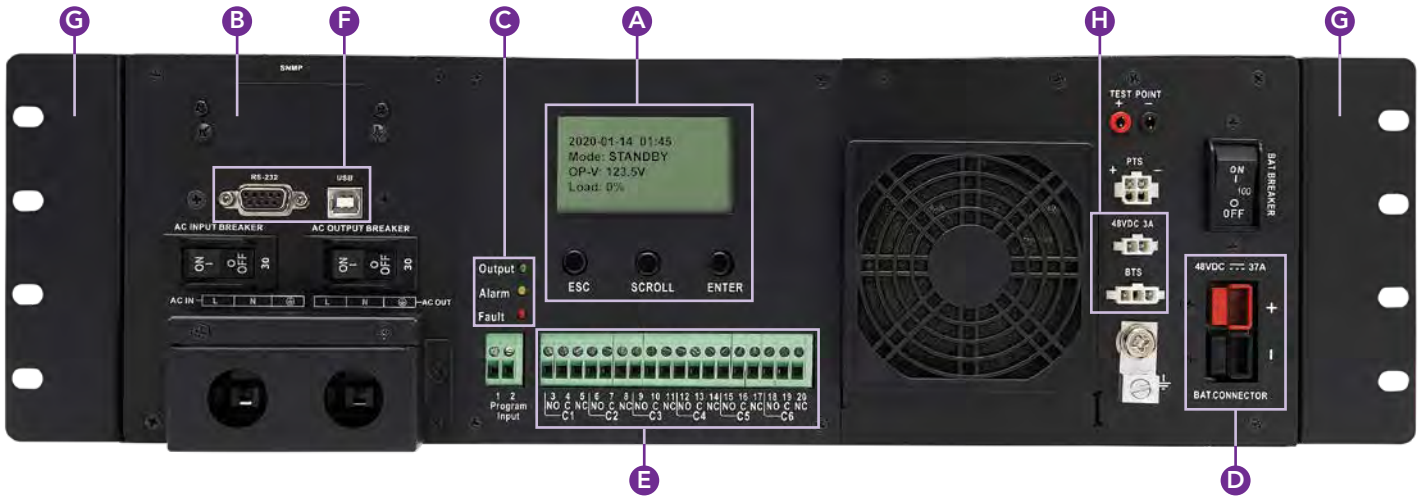
### COMPREHENSIVE MANAGEMENT OPTIONS

- 2.5 in. LCD with select and scroll buttons offers a wide variety of UPS status and site power information, control options, UPS configuration settings and event logs.
- Slot for WEBCARDLXMINI web management card (sold separately), which offers 24/7 remote access.
- Six sets of dry output contacts for setting up status alerts such as external alarm, external battery alarm and external fan failure.

### ADAPTABILITY

- External battery connector accommodates a wide range of user-supplied 24V or 48V DC batteries, allowing for the best match with the installation environment.
- Reduced-depth housing conveniently mounts under a workbench or in 3U rack space in a 2- or 4-post enclosure (mounting brackets included).

# Feature Focus



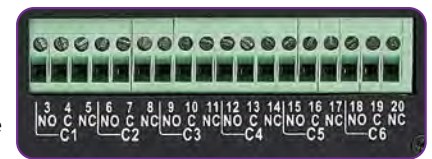
## A Front-Panel LCD

Scroll through a vast range of UPS control options to fit most any operational needs.



## E Output Dry Contacts

Set up customizable status alerts with six sets of dry output contacts. Rating: 300VDC/12A; Wiring gauge: Up to 12 AWG



## B Network Card Slot

Install a WEBCARDLXMINI (sold separately) for remote monitoring and control.



## F Management Options

Configure the UPS via RS-232/USB ports and a connected computer running Windows® HyperTerminal.



## C Indicator LEDs

Check output, alarm and fault status at a glance.



## G Removable Mounting Brackets

Mount the UPS in an EIA-standard 19 in. 2- or 4-post rack (brackets included).

## D Battery Connector

Connect a user-supplied 24V or 48V DC battery that best fits environmental requirements – compatible up to 200Ah.



## H Environmental Connections

Connect a user-supplied external fan and a battery temperature sensor cable (included, shown) for better temperature control.



## SPECIFICATIONS

Model	VA/ Watts*	Input/Output Voltage	Supported Battery	Input/Output Connection	Operating Temperature	Rack Size	Dimensions (HxWxD)	Weight
SMART1524ET	1500/1200	120	24V (User-supplied)	Hardwire	-40°F to +176°F (-40°C to +80°C)	3U	5.2 x 15.8 x 9.5 in. (13.2 x 40.1 x 24.1 cm)	32.4 lb. (14.7 kg)
SMART1548ET	1500/1200	120	48V (User-supplied)	Hardwire	-40°F to +176°F (-40°C to +80°C)	3U	5.2 x 15.8 x 9.5 in. (13.2 x 40.1 x 24.1 cm)	32.4 lb. (14.7 kg)

\*Maximum output capacity is temperature dependent: 1600W (-40°F to 131°F) / 1200W (131°F to 167°F) and 1000W (167°F to 176°F)

See photos, accessories, documentation and additional specifications at [tripplite.com](http://tripplite.com).



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