



NEW PRODUCT ANNOUNCEMENT

SmartPro® UPS Systems with Lithium-Ion Battery

Longer Life and Faster Charging with Lithium Iron Phosphate (LiFePO₄)



IT managers often need a “fit and forget” UPS system for locations that are difficult to access or infrequently maintained. They require a UPS with a high level of power protection, but a low-maintenance design. To meet these challenging demands, Tripp Lite has developed a line of rack-mount UPS systems with lithium-ion battery backup. These models have output capacities up to 3000 VA and more than double the service life of an equivalent UPS that relies on a lead-acid battery.

The lithium iron phosphate (LiFePO₄) internal battery charges to 100% capacity in about 1.5 hours to provide excellent availability for backup. Plus, it can operate at temperatures near the extremes of the UPS system’s temperature range (32° to 104° F) without a reduction in performance or service life. In contrast, the service life of a lead-acid battery is cut in half with every nine degree increase above the optimum operating temperature range of 68° to 77° F.

Key Benefits

LONG LIFE

- These UPS systems provide more than double the service life of equivalent UPS systems with lead-acid batteries
- Battery offers up to three times more charge/discharge cycles than an equivalent lead-acid battery

RELIABLE BACKUP

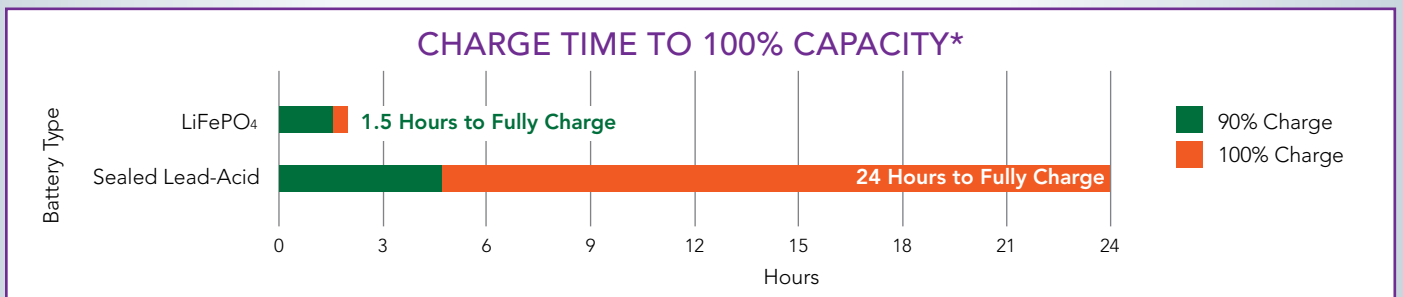
- Battery charges to 100% capacity in just 1.5 hours for reliable backup in the event of a power outage; lead-acid batteries typically take more than 24 hours to fully charge

CONVENIENCE

- Battery weighs approximately 60% less than an equivalent lead-acid battery, reducing overall UPS weight
- Fan is user-replaceable in case the battery outlasts the fan

PEACE OF MIND

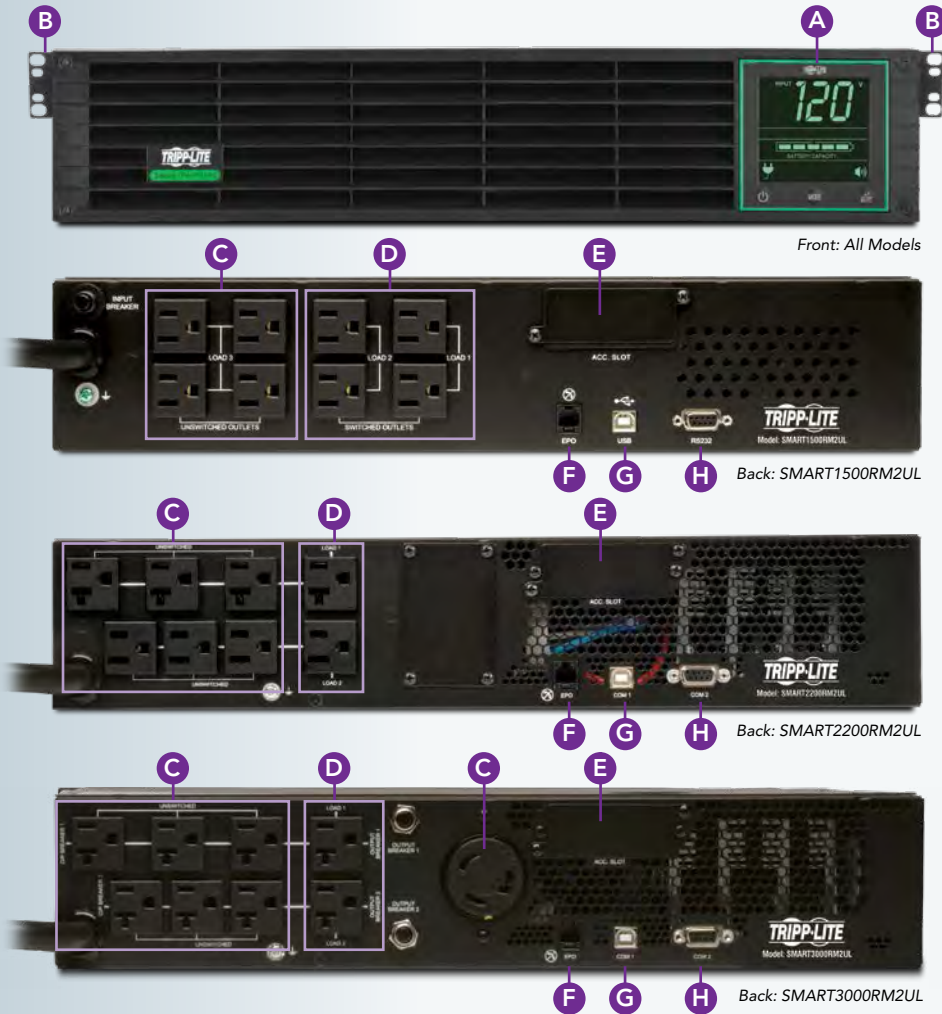
- UPS systems come with an industry-leading five-year warranty that includes the battery
- Lithium iron phosphate (LiFePO₄) battery offers enhanced safety and stability over other types of lithium-ion batteries



* Charge times are approximate and may vary based on battery age and other variables (such as depth of discharge).

Feature Focus

Tripp Lite rack-mount UPS systems with lithium-ion battery backup mount in a standard EIA-compliant rack and have all the typical SmartPro features, including automatic voltage regulation (AVR), transfer to battery within milliseconds and sine wave output.



- A** Interactive LCD Screen
- B** Brackets for Rack Mounting (2U)
- C** Battery-Backup/Surge-Protected Outlets (Unswitched)
- D** Battery-Backup/Surge-Protected Outlets (Switched)
- E** Network Card Slot
- F** Emergency Power Off (EPO) Port
- G** USB Communication Port
- H** Serial Communication Port (DB9)

Not shown:

LiFePO₄ Battery (Internal)

User-Replaceable Cooling Fan (Internal)

10 ft. Power Cord with NEMA Plug



SPECIFICATIONS

Model	SMART1500RM2UL	SMART2200RM2UL	SMART3000RM2UL
Output Capacity	1500 VA/1440 W	2200 VA/1920 W	3000 VA/2250 W
Type of Protection	Line Interactive	Line Interactive	Line Interactive
Half Load Runtime ^(A)	15.4 min.	11.7 min.	9.5 min.
Full Load Runtime ^(A)	7.1 min.	5.1 min.	3.5 min.
Total Rack Size	2U	2U	2U
Nominal Input/Output Voltage	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz
AC Outlet Quantity (Type)	8 (5-15R)	4 (5-15R), 4 (5-15/20R)	8 (5-15/20R), 1 (L5-30R)
Switched Outlet Banks	Two 2-Outlet Banks	Two Single-Outlet Banks	Two Single-Outlet Banks
AC Input Plug	NEMA 5-15P	NEMA 5-20P	NEMA L5-30P
AC Input Cord Length	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)
Operating Temperature	32° to 104° F (0° to 40° C)	32° to 104° F (0° to 40° C)	32° to 104° F (0° to 40° C)
Storage Temperature	5° to 122° F (-15° to +50° C)	5° to 122° F (-15° to +50° C)	5° to 122° F (-15° to +50° C)
UPS Dimensions (H x W x D)	3.43 x 17.32 x 19.46 in. (87 x 440 x 494 mm)	3.43 x 17.32 x 19.46 in. (87 x 440 x 494 mm)	3.43 x 17.32 x 19.46 in. (87 x 440 x 494 mm)
Unit Weight	41.78 lb. (18.95 kg)	41.78 lb. (18.95 kg)	50.1 lb. (22.72 kg)
Product Warranty	5-Year Limited Warranty	5-Year Limited Warranty	5-Year Limited Warranty
Ultimate Lifetime Insurance ^(B)	\$250,000	\$250,000	\$250,000
ENERGY STAR Certified	Yes	Yes	Yes

(A) Runtime varies with load, battery conditions and other factors (such as temperature). (B) Valid in the U.S., Canada and Puerto Rico only.

Learn more about Tripp Lite's full line of UPS solutions at www.tripplite.com.

