

Press Release: Safiery 48V Semi Solid State Lithium is Official Battery of the 38th America's Cup

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Safiery named Official Battery of the 38th America's Cup

Australian semi-solid state 48V 3C battery selected as the Exclusive Lithium Battery Supplier for the 38th America's Cup, Naples, Italy. On show at IBEX 2026, Booth 1-315.

FOR IMMEDIATE RELEASE

TAMPA, Florida, 6 October 2026. Safiery, the Australian marine power electronics manufacturer, today announced that its 48V 3C semi-solid state lithium iron phosphate battery is the Official Battery of the 38th America's Cup, to be held in Naples, Italy. Under an Event Supporter Agreement with event organiser ACE Italy S.r.l., Safiery is the Exclusive Lithium Battery Supplier to the event. The battery makes its US show debut this week at IBEX 2026 in Tampa.

Why the America's Cup chose it

The America's Cup needed high power from a small, light pack that could be carried aboard, charged anywhere and switched safely from the helm. The 48V 3C delivers 150 A continuous from a 20 kg pack, 2,788 Wh per pack, and 6,000 cycles at 80 percent depth of discharge. Packs stack flat or on edge, lock into each other and connect with power straps down the side, with no battery boxes and no cable runs.

Safety was central to the selection. The cells have been tested by nail penetration, 200 kN crush, 130 degrees C heat and extended short circuit. Every pack carries switchable charge and discharge MOSFETs controlled over CAN, and one remote button at the helm switches all connected packs. The installation for the event was reviewed with Reinova S.p.A. and designed with open venting to protect crew.

Built for electric tenders and chase boats

The battery is sized for the electric tenders and support craft that run all day around a race course. Two packs run a 10 kW motor, four packs run 30 kW, and up to 20 packs can be paralleled in one bank. It charges three ways: cross charging from a mother ship's 12 or 24 V system at 1,500 or 3,000 W, fast 48 V

DC shore charging, or up to 10 kW from Safiery's BMG engine-mounted generator. Cross charging is low voltage and can be done with the tender in the water.

The pack is Victron ready with a CAN BMS, NMEA 2000 output and a wired stop charge signal, and a Bluetooth app shows every connected battery with cell temperatures. Certifications include IEC 62619, UN38.3 and CE with EMC. Warranty is 5 years on CAN control.

"The America's Cup is the hardest proving ground in sailing, and being chosen as its official battery says everything about where semi-solid state technology has reached," said Bruce Loxton, CEO and Co-Founder of Safiery. "The same packs that power the Cup are shipping now to tender builders, superyacht owners and boatbuilders worldwide. We want IBEX visitors to see them stacked, strapped and switched from a helm, exactly as they will be used in Naples."

See it at IBEX 2026

The 48V 3C is on display at Safiery, Booth 1-315, IBEX 2026, Tampa Convention Center, 6 to 8 October 2026, stacked and strapped as it will be installed for the event. Safiery is also showing its Quasar vessel intelligence platform, STAR controllers and the 48V BMG belt motor generator. The battery is available now. Pricing is ex works Arundel, Queensland.

About Safiery

Safiery Pty Ltd is an Australian designer and manufacturer of marine and RV power electronics, founded in 2018 in Arundel, Queensland and exporting to more than 20 countries. Its range includes solid state lithium batteries, STAR controllers, Scotty AI DC-DC converters, the BMG belt motor generator and the Quasar vessel intelligence platform. Safiery products integrate natively with Victron Energy GX systems. Safiery was nominated for the DAME Award at METSTRADE in 2023 and 2024. Safiery and Quasar are trademarks of Safiery Pty Ltd.

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High resolution images of the 48V 3C and the 38th America's Cup Official Battery lockup are available on request.

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