

About Safiery



WHO WE ARE / GOLD COAST, AUSTRALIA

We own the whole stack.

Safiery designs and makes the electrical system of modern boats and vehicles: the power conversion, the battery, the switching, the controllers and the software that ties them together, with AI on top.



From the circuit board to the cloud.

Open, not locked in

Open protocols replace closed systems. We saw it in building automation, and it is happening now on boats and vehicles. Everything we build is made to work with others.

Own the whole stack

Circuit board design, firmware, application software, battery chemistry, the cloud and the Quasar Twin. All designed in house.

AI with a harness

Quasar is our AI harness for boats and vehicles. It works with any AI model, and a second model checks the first. The harness is the key.



Partnering with Victron Energy. STAR-Tank and STAR controllers have native access to Victron's GX ecosystem. Scotty AI, the BMG and Solid State Lithium are all compliant products, with direct visibility in Victron's GX devices.

OUR MISSION

Predictive maintenance of boats and vehicles, using a digital twin and AI agents. Control of the whole system, with voice and local AI.

20+

Countries we ship to

11

Engineers on the Gold Coast

13

Patents filed

8 yrs

Trading, since 2018

Self funded from day one, with no debt and no outside investors.

Tells you Before it happens.

Innovation always has the fingerprints of failure on it. Before the black box flight recorder, air crashes were explained by guesswork. We set out to go to the next level with lithium batteies. A black box that warns before a crash. Batteries and boats: a measured, recorded twin that tells engineers exactly what may happen and warns owners before it does.

POWER	SWITCHING AND SENSING	CONTROL AND DISPLAY	CLOUD AND AI
SCOTTY AI DC-DC 12, 24, 48 96, 400 V, self tuning	STAR Digital switching	QUASAR GLASS Displays for boats and vehicles	QUASAR TWIN Semantic model of each boat
BMG 48 V belt motor generator	STAR TANK Tank levels over Bluetooth	QUASAR ONE Predictive health	AI HARNESS Two models, the boat decides
LITHIUM QUASAR BMS Meteor, solid state, HiBlade	LIN NODES Sealed switch panels	QUASAR MASTER Local AI and Home Assistant	VESSEL LOG Every reading, time stamped

The Safiery range, designed and built in Australia. Some products are sold through Victron dealers.

HIGHLIGHT / HIBLADE

HiBlade with Quasar BMS.

From containment to prevention.

Weeks of warning, not seconds. HiBlade brings together what we have learnt across every Safiery product. Its Quasar BMS tests every cell each day and tells you how best to use the battery, warning of a problem weeks before it could happen. Lithium safety moves from containing a failure to preventing one.

Proof on the water.

Official Battery, America's Cup	Extensive testing of the IP67 rated lithium battery, which delivers up to 30 kW within a second for performance yachting.
McConaghy MC86GT	300 digital switching points and integrated screens on an 86 ft power catamaran, on the water since August 2026.
Panther Electric 56	Full Quasar system and lithium batteries on order, for delivery in May 2027.
Solid state batteries	200 delivered and on order for catamarans and electric tenders.
Sail-by-wire	A partnership with McConaghy to develop the first sail-by-wire on the open Quasar framework.
Agents at work	Since mid 2026, AI agents run our own ERP and ISO 9001 system. The same skills now watch over boats.
Auto docking	Edge AI reads 360 degree cameras and radar to dock the boat.



Helm station, McConaghy 86GT, Open source Quasar by Safiery.

Two founders.

Committed to a brand that lasts.

Bruce Loxton, CEO. Engineer. Honeywell, ABB (global leader for robotics and industrial IT in Zurich) and Anglo American. Chairman Qinetiq AU. Built 6,000 RVs at Kimberley.

Fiona Hou, Designer. Communications engineer. Leads industrial design of the Quasar family, the supply chain and compliance.

AWARDS | Nominated for the DAME Award (Design and Manufacturing Excellence) at METSTRADE Amsterdam, 2023, 2024.

Let's build something together.

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OFFICIAL BATTERY