

The onboard hydrogen fuel cell power generator

The REXH₂[®] is a marinized hydrogen power generator, built around a Toyota PEM fuel cell, which converts hydrogen into carbon-free electricity. This electricity can be used to power electric motors, on-board auxiliaries and to recharge batteries for all types of vessels, whether professional or pleasure.

The REXH₂[®] is an environmentally friendly product. It rejects only water and heat, which can be reused, and does not emit greenhouse gases or fine particles. It is also very quiet.



H₂ electric hybridization

The REXH₂[®] can be combined with any electrical system to provide continuous power that can be perfectly combined with the use of batteries. In addition to saving space and weight, this hybridization optimizes the management of the boat's propulsion and power calls, and therefore energy consumption.

H₂ Diesel-electric hybridization

When the use of diesel remains necessary, in particular to cover long distances, the integration of a hydrogen system coupled with a diesel-electric unit allows for emission-free and noise-free navigation in protected areas, near ports and the coastline.

Life on board

For larger vessels with high power demands, the REXH₂[®] can replace traditional generators to run onboard systems and ensure perfect tranquility at anchor, without any greenhouse gas emissions or harmful effects.

Les avantages

ZERO CO ₂		ZERO NO _x
QUIET	COMPACT	CONNECTED
OPTIMIZED EFFICIENCY		RELIABLE
PLUG & PLAY		QUICK REFUELING
MODULAR		REDUCED MAINTENANCE

Shift to the REXH₂[®] to provide power for propulsion and hotel load of all types of boats



HYNOSA 40 - HYNOSA YACHTS



SAMANA 59 - Fountaine Pajot



E02 - Energy Observer

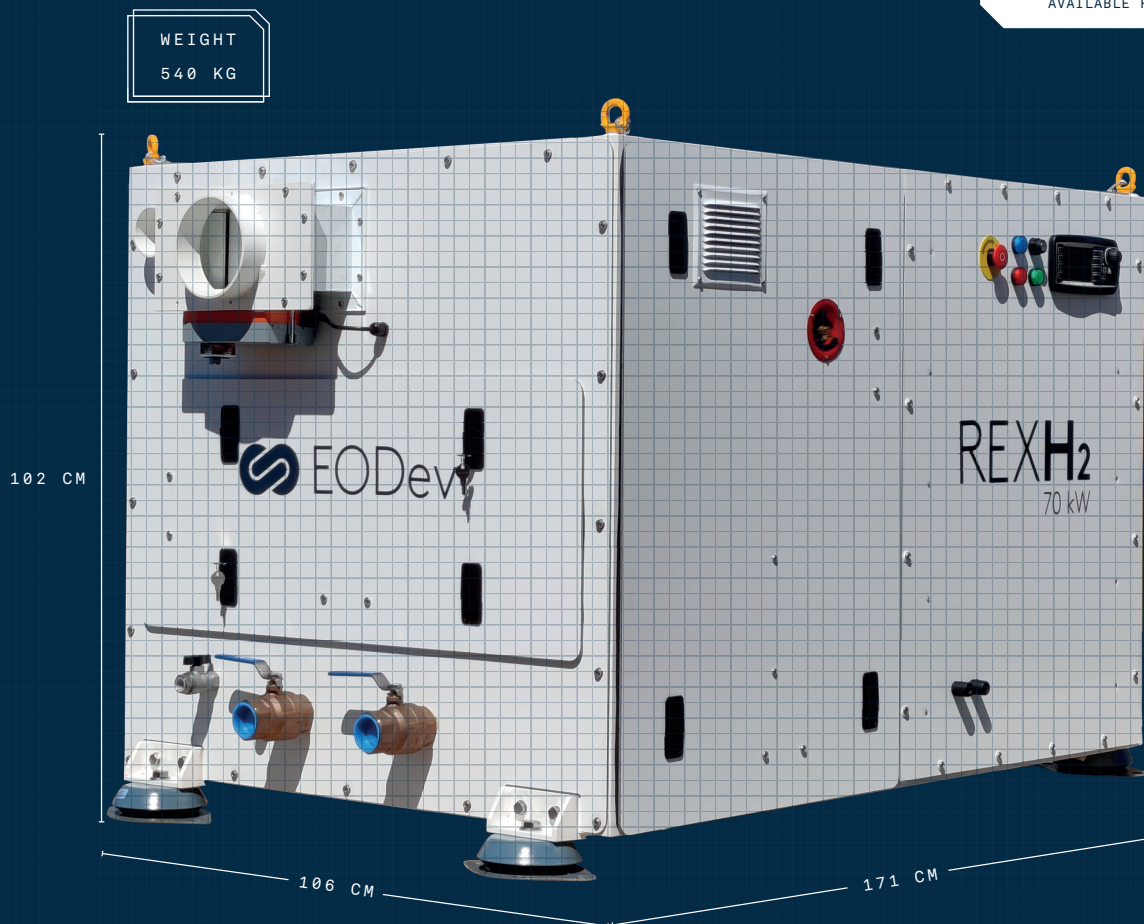


Fishing vessels - LPMA Bastia



REXH₂

AVAILABLE FOR ORDER NOW



PERFORMANCES	Power rating	70 kW
	Output voltage	650/725 VDC
	Parallel installation	Up to 10 units
	IP classification	IP 54
TECHNOLOGY	Fuel cell brand	Toyota
	Type of fuel cell	PEM
	Hydrogen inlet pressure	9–16 bars