

HYDROCELL



HYMAR H^R

POWERTRAIN



KEY FEATURES

- **Modular from 30kW to 1MW peak power**
- **Marine certified**
- **Zero emissions**
- **Silent sailing**

The HYMAR Powertrain provides a fully integrated Fuel Cell - Electric solution for boats, offering power outputs ranging from 30kW to 1MW. Its modular design allows for seamless adaptation to individual client needs, ensuring flexibility and customization for a variety of vessel types. Adaptable as a retrofit solution or in new builds.

As the first fully certified Fuel Cell - Electric powertrain on the market, the

HYMAR Powertrain is designed to completely replace traditional diesel engines, delivering smooth, silent navigation with zero harmful emissions. It's the perfect choice for those looking to combine sustainability with cutting-edge marine technology.

SPECIFICATIONS

	H ^R base	H ^R power	H ^R dual	H ^R custom
Engine power (continuous)	40 kW	120 kW	2 x 80 kW	40 – 450 kW
Battery capacity	63 kWh*	2 x 63 kWh*	3 x 63 kWh*	max. 12 x 63 kWh
Battery technology	Li-ion 21700			
Nominal voltage	407 V			400-700 V
Display	7"	12"	12"	-
Range (@50% load)				
Charger	AC/DC 22kW			-
Weight	~500 kg	~900 kg	~1400 kg	-
Application	small Motorboats, Sailboats, small Workboats	Motorboats, big Sailboats, Workboats	Motorboats, Katamarans, Workboats	Motorboats, Sailboats, Workboats

*The number of battery packs can be customized to meet the specific needs of each client.