



Eos

The world's most efficient PEM electrolyser

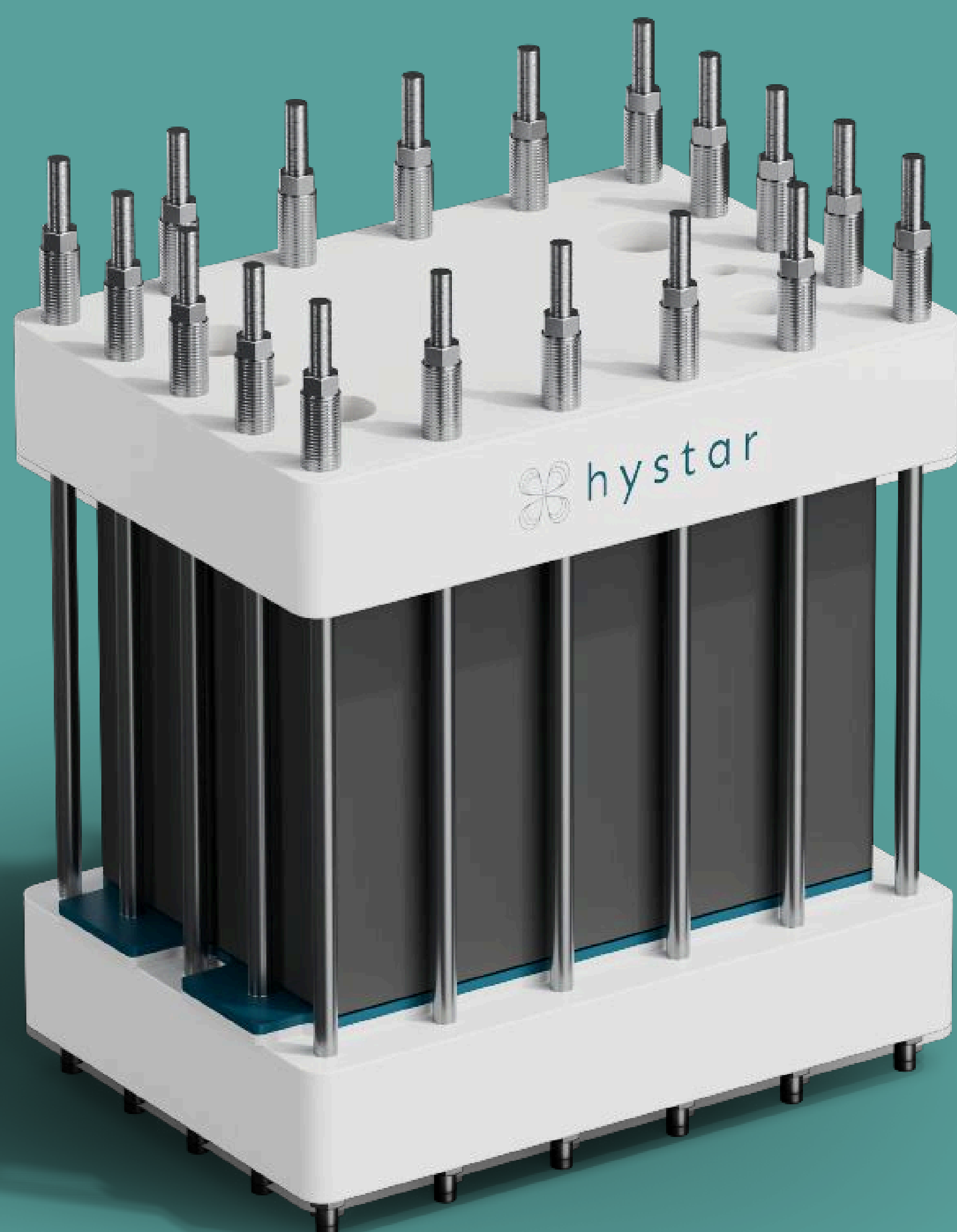
✓ 10% more efficient

47.5 kWh/kg

| Safest on the market and made for large scale

Hystar's patented technology delivers the **highest efficiency** and **safety** — producing more hydrogen per unit area than any conventional PEM electrolyser.

Our compact 0.55 MW stack scales seamlessly **from MW to GW** projects, giving you maximum operating flexibility with minimal footprint. With higher output, lower material use, and reduced downtime, Hystar cuts your LCOH significantly, driving a real change in the hydrogen economy.



Get in touch:



Product Specifications

H ₂ production rate	11.5	kg/h
Efficiency	47.5	kWh/kgH ₂
Capacity	550	kW
Rated current	1712	A
Rated voltage	319	V
Operating range	0-100	%
Operation temperature	60	°C
Outlet pressure	5	bar(g)

Values are based on BoL, operating temperature of 60 °C and 100% load.

Dimensions	800 x 465 x 630	mm
Weight	343	kg