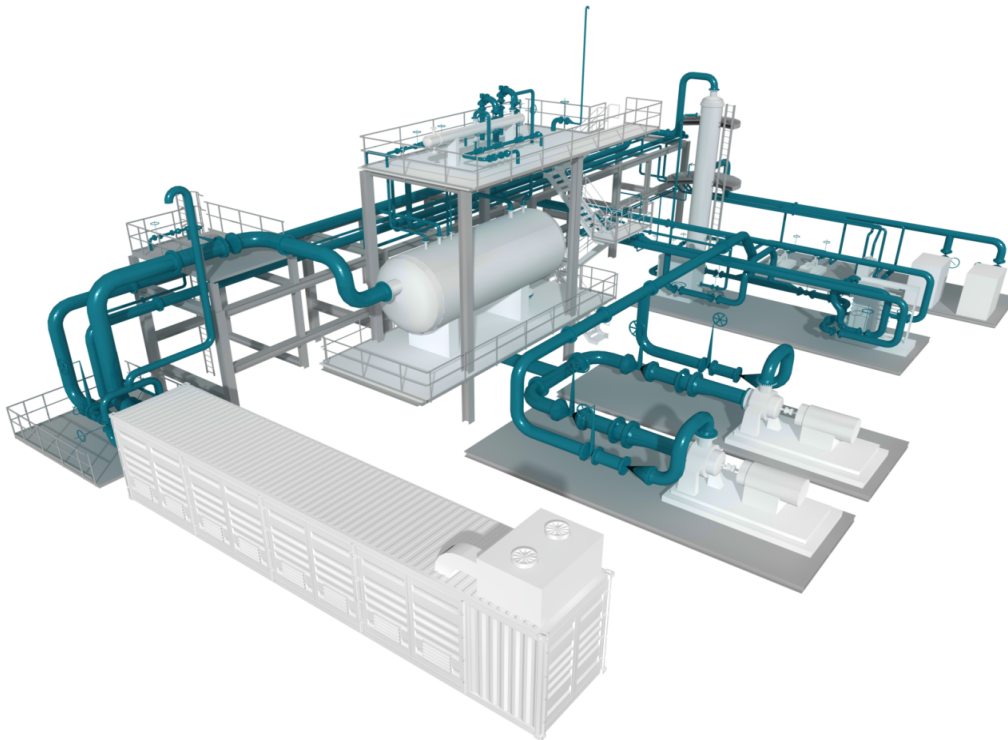


Orion

20 MW CLUSTER FOR LARGE-SCALE PLANTS



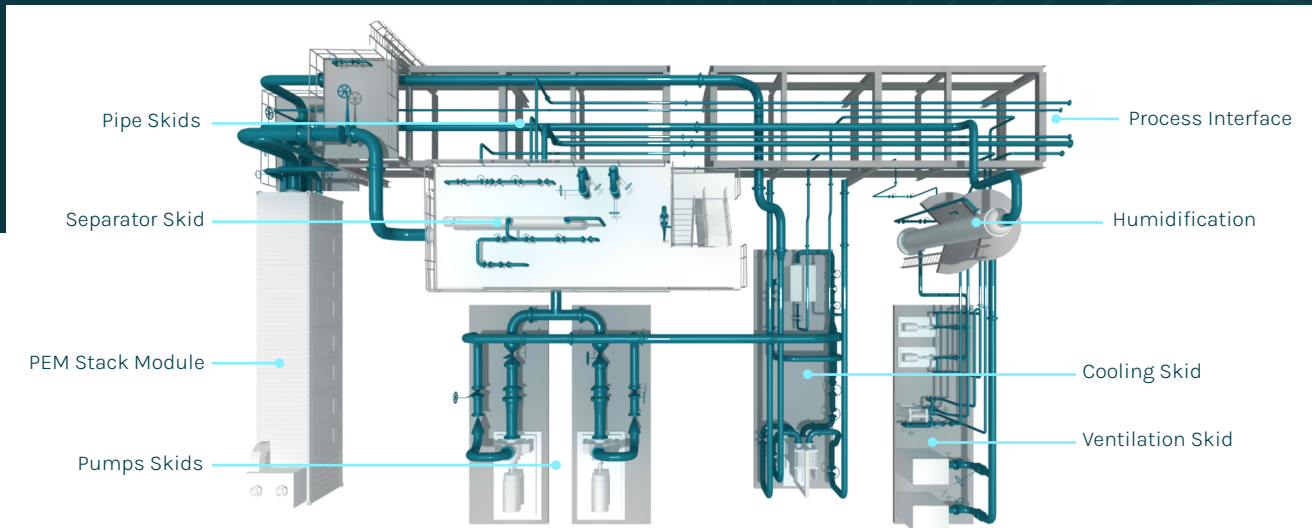
- ✓ World's most efficient electrolyser across the full operating range
- ✓ Reliable and inherently safe design - the world's safest H₂-O₂ gas management
- ✓ Scalable solution that fits a vast range of project sizes

Get in touch:



Orion

20 MW CLUSTER FOR LARGE-SCALE PLANTS



Technical Specifications for one Orion Cluster

Cluster Efficiency ^{1,2}	48.2	kWh/kg
H ₂ Output ^{1,2}	368	kg/h
H ₂ Outlet Pressure	4	bar(g)
H ₂ Outlet Temperature	60	°C
H ₂ Purity ²	99.97	%
Operating range	0-100	%
Dimensions	35 x 22	m

¹At rated (100%) production capacity at the Beginning of Life (BOL) and standard ISO conditions (15 °C, 101.325 kPa).

²Dry gas basis (gas is provided fully saturated).

The standardised Orion cluster is a scalable solution engineered for seamless integration into large-scale electrolyser projects. Developed in collaboration with leading EPC partners, it delivers the critical core of a high-performance electrolyser plant.

Designed to maximise efficiency, reliability, and operational simplicity, each cluster functions independently, enhancing turn-down capability and overall system flexibility. Its skid-based architecture enables efficient transport and rapid integration, while a robust redundancy strategy and a design for service ensures exceptional availability and uptime.

