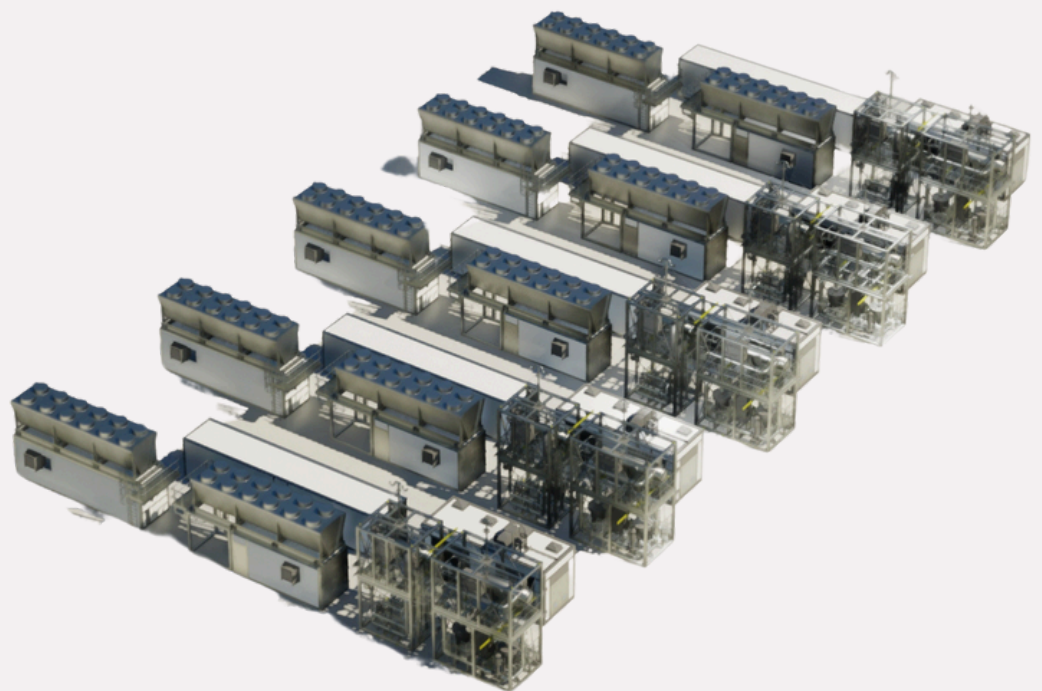


Modulyser

Scalable electrolysis for a greener tomorrow

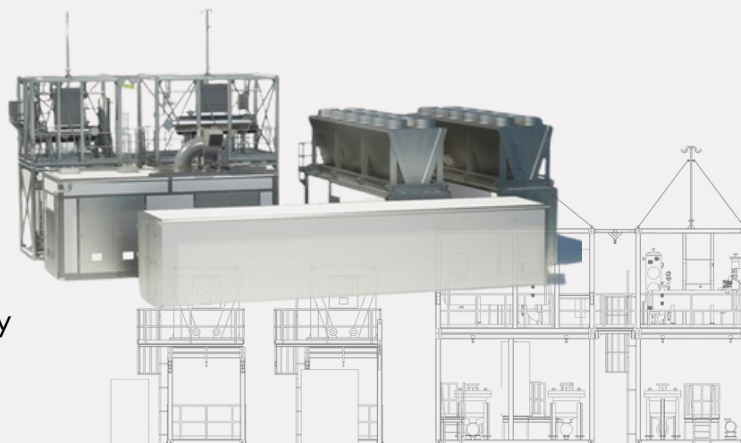
Modulyser is designed to meet the evolving needs of mid-scale industrial projects, thanks to its modular architecture.

Based on PEM technology, standardized modules offer a robust and scalable pathway from 5 MW up to 60 MW, ensuring optimal flexibility across a broad range of applications and customer requirements.



Modulyser accelerates the deployment of low-carbon hydrogen in industrial environments

- High compacity
- Designed for integration with renewable energy sources
- Specialized modules for a strong adaptability to client projects, layout and interface with utilities
- Stringent safety protocols, with proprietary hardware features and software solution
- Minimal containerization to simplify maintenance and inspection



5 MW Electrolyser performance

Hydrogen production (Volume – Mass)	1000 Nm ³ /h – 89 kg/h
Hydrogen pressure and purity	30 barg – 99.9% (upgradable to 99.999%)
Load range	10% – 100%
Electrolyser Efficiency AC (@BOL)	< 4.90 kWh/Nm ³
Availability	98%
Total footprint *	74 m ² /MW

**The total footprint accounts for the packages as well as associated maintenance zones and circulation pathway*

General specifications

Design philosophy	Outdoor – High level of prefabrication in workshops
Ambient temperature	–20°C to +45°C
Corrosion level	C4

Options

Ambient temperature (min/max)	–40°C to +30°C / –10°C to +55°C
Corrosion level	C5
Oxygen collection	11 barg, ≈96% purity