Our 20 MW cluster | Compact footprint < 900 m²

Nominal H₂ capacity: 4,000 Nm³/h
Nominal O₂ capacity: 2,000 Nm³/h

A unique combination between our high-pressure alkaline electrolysis technology (30 bar) and the advanced high current electrodes.

High energy efficiency

Economic competitiveness: best TCO (Total Cost of Ownership) in its category, with a high delivery pressure (30 bar) that significantly decreases the energy demand for further compression.

Safety: consistent model simulations to bring the quality and safety of our equipment to a level never achieved.

Very rapid dynamic response time, offering the required flexibility for the power-market led operation, suitable with primary leveling market requirements, pointing towards a totally optimized investment.

Scalability: a compact, modularized and scalable architecture based on a 4 MW core module.

Robustness: an angle stone for industrial players.

Easy to install: stacks and balance of plant are manufactured by McPhy, on-site assembly is limited to interconnections.

Will equip one of the largest zero-carbon hydrogen production platform to be implemented in Europe (20 MW).