

MODULAR HYDROGEN SYSTEM

Product Description

The modular hydrogen system represents the entire hydrogen value chain in a compact and flexible container solution. It enables efficient production, storage, and use of hydrogen – directly on-site and independent of location.



Technical Data

Further information can be found on our website.

Hardware	Electrical power input	10 – 250 kW
	H ₂ production rate	4 – 100 kg/24 h
	H ₂ storage capacity	Up to 3,000 kg (100,000 kWh)
	Maximum pressure	300 bar
Software	X2E Energy Management System	Included
H ₂ utilization	Direct use	Chemical processes, vehicle refueling, heating
	Fuel cell	Up to 200 kW electric & waste heat utilization

✓ Maximum Energy Consumption

Use of surplus PV energy on-site instead of feeding it into the grid – economical and sustainable

✓ Year-round Supply

Seasonal power storage ensures energy availability even in winter

✓ Full Integration

Our system can be easily integrated into existing energy infrastructures

✓ Eligible for Government Funding

Compatible with current funding programs at state, federal, and EU level

✓ Made in Germany

Engineering and quality assurance according to the highest standards

