



MethHydor

FRIENDLY HYDROGEN STORAGE

**100%
RECYCLABLE**

**SAFE LOW
PRESSURE**

**THERMAL
MANAGEMENT**

**LONG
LIFE**

**AMBIENT
TEMPERATURE**

SOLID HYDROGEN STORAGE

The Solid Hydrogen Storage system is a hydrogen storage solution that uses the metal hydride technology to store large amount of hydrogen in reduced volumes and safely

The system is able to operate at low pressure and ambient temperature, and it can be directly coupled with electrolyzers and fuel cells

HYDOR SYSTEMS

Flexibility
is given by
custom
module
design

Modularity
allows
simple
scalability



Patented
solution



Electrolyser
direct coupling



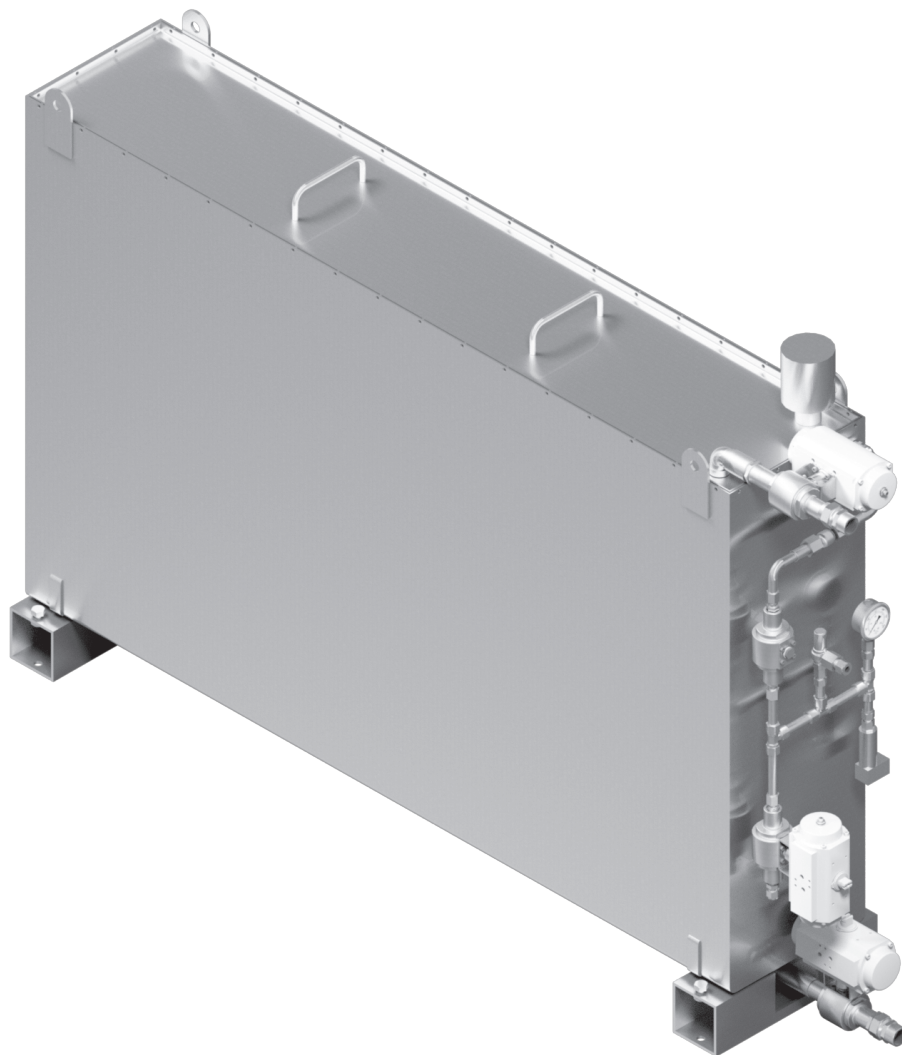
Modular
design

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RACK

Technologies for Hydrogen storage systems

Rack - HYDOR S 240



Storage Capacity

H2 capacity (nominal) kg 7,6
Energy stored kWh 240

Charge

Pressure bar 20 - 35
Temperature °C 15 - 25
H2 Flow max kg/h 4,4
Thermal Power required kW 18

Discharge

Pressure bar 1.5 - 30
Temperature °C 40
H2 Flow max kg/h 4,4
Thermal Power required kW 18

Dimensions

(L x B x H) - mm 1650 x 315 x 1100

Weight

kg 1100

External temperature

°C -20 to 50

Certifications

Ped (2014/68/UE)

METHYDOR SRL

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