

GREEN ENERGY STORAGE

Hydrogen Storage (HS) 20' Unit





SPECIFICATION

GKN Hydrogen equipment package



HS Storage Unit



Piping (IN/OUT/SAFETY)



Heat exchanger



Pump



Inertization with Argon/others



Control unit



Electrical installed load: <10kW

Application areas



INDUSTRY



BACK-UP POWER SUPPLY



MICRO GRIDS & AUTARCHY



ENERGY BALANCING



ELECTRICAL VEHICLE CHARGING



H₂Storage

Unique advantages

100% recyclable

100% safe – Solid state hydrogen storage at max. 40 bar

Superior energy / space ratio vs. batteries or compressed gas storage

Storage life expectancy of 30 years

Energy storage capacity maintained over lifetime

No compressor needed

Requirements

- Concrete foundation (building authority)
- Definition of operational mode (offgrid, grid-parallel, back-up power)
- · Certification authority request

