

ELECTROLYSIS SYSTEM SOLUTION FOR

HYDROGEN PRODUCTION

HAINZL PEM Electrolyzer – The Turnkey Solution for Green Hydrogen Production

- Scalable plug-and-play solution from 1 MW output
- Dynamic operation from 10 to 100%
- Compact and modular design
- Flexibility for various applications
- Independent automatic operation with remote maintenance
- Optional Features:
 - Waste heat recovery
 - Oxygen utilization
 - AEM compatibility

TECHNICAL HIGHLIGHTS

- Operating pressure: 30 – 34 bar(g)
- H₂ Production Rate: 18 – 23 kg/h
- O₂ Production Rate: 142 – 185 kg/h
- Freshwater Requirement: 440 – 550 l/h
- System Efficiency: Up to 75%
- Load Range: 10 – 100%
- DC Power PEM Stack (BoL): 1 – 1,25 MW
- Supply Voltage: 400 – 440 V (optional 10 – 20 kV)

