

Data sheet hydrogen electrolyzer

Electrolysers enable the decentralized and demand-oriented production of **hydrogen** - even on a small scale. Water is split using electrical energy and is then available for various applications. Hydrogen is always present as a molecule (H_2). In addition to hydrogen, oxygen (O_2) and waste heat are produced, which can also be used profitably.

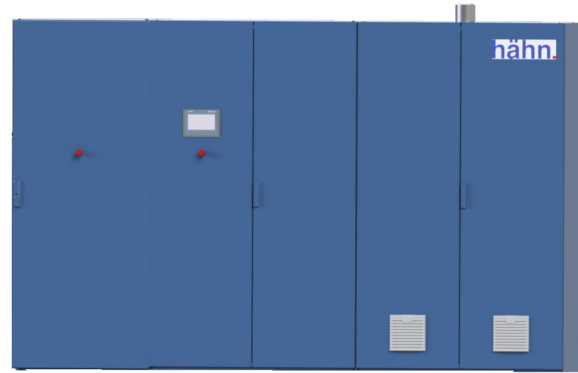


Figure 1: Model EL 8 - V1

Applications

- Power-to-X
- Process gas
- Energy storage
- Fuel
- Oxygen and hydrogen production
- And many more

Technical data

Model series	Hydrogen production [Nm ³ /h]	Max. connected load [kW]	Technology	Version
EL 1	0,3 - 1	5,3	PEM	Compact unit
EL 3	0,9 - 3	15,9	PEM	Compact unit
EL 8	2,4 - 8	42,4	PEM	Compact unit
EL 20	6 - 20	106	PEM	Compact unit
EL 40	12 - 40	212	PEM	20 ft Container
EL 80	24 - 80	424	PEM	40 ft Container
EL 160	48 - 160	848	PEM	40 ft Container

Larger units on request !

Subject to technical changes

Your benefits

- **Modular systems with various options - expandable at any time**
- **Robust industrial design**
- **No hazardous chemicals**
- **Plug- and-Use systems**
- **Suitable peripheral systems are also available from us**
- **Due to the high volatility of hydrogen gas, in practice there is less danger than from natural gas.**