

gateway

SERIES

Containerised turn-key alkaline hydrogen production systems



Modular system



Automated remote operation



Maintenance support



High purity Hydrogen



RES - Following in dynamic operation



Low CAPEX

Technical specifications

Hydrogen hourly production rate [Nm ³ /h]	200
Hydrogen daily production rate [kg/day]	432
Hydrogen pressure [barg]	30
Hydrogen purity [%] *	> 99.999%
Installed electrical power [MVA]	1.2
Stack consumption [kWh/Nm ³]	4.59
System efficiency (HHV) [%]	69.4%
System efficiency (LHV) [%]	58.7%
Operating range [%]	20-100%
Electrolyte	KOH
Electrical interface	Low-Voltage substation
Tap water requirement [l/h]	328
System installation location	Outdoors (containerized)
Equipment footprint incl. maintenance zones [m ²]	155
Ambient temperature range [°C] **	-30 to +40
Communication interface	OPC UA

* Target purity achievable with optional purification system

** Target temperature range available with optional extra package - Standard: +5 to +40 °C

