

Technical Specifications

Starbase & Aurora

Next Generation of alkaline electrolyser stacks and systems.



**Small
footprint**



**High
efficiency**



Pressurised



**Maintenance
support**

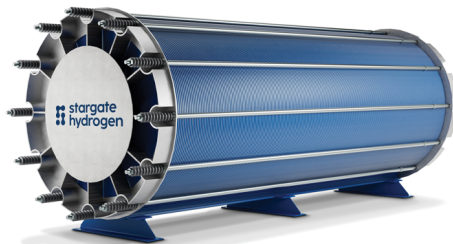


**Made in
Europe**

Starbase 5 MW Stack

Hydrogen hourly production rate [Nm ³ /h]	1000
Hydrogen daily production rate [kg/day]	1968
Hydrogen pressure [barg]	16
Hydrogen purity [%] *	>98%
Oxygen purity [%] *	>98%
Stack Consumption [kWh/Nm ³]	4.3
Stack Consumption [kWh/kg]	49.02
Stack Operating temperature [°C]	80-90
Stack nominal rated current [A]	10200
Stack rated nominal power - [kW]	5000
Stack minimum operating point [%] **	20% to 110%

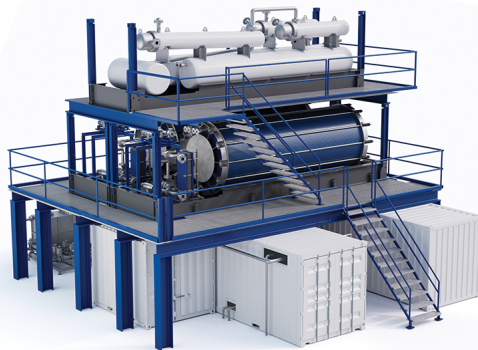
starbase
S E R I E S



Aurora 10 MW System

Hydrogen hourly production rate [Nm ³ /h]	2000
Hydrogen daily production rate [kg/day]	3936
Hydrogen pressure [barg]	16
Hydrogen purity (with optional purification) [%]	>99.999%
Oxygen purity [%]	>98%
System Consumption [kWh/Nm ³]	4.5
System Consumption [kWh/kg]	50.5
System rated nominal power [kW]	10000
System minimum operating point [%] **	20% to 110%

aurora
S E R I E S



* Crossover purity (wet) at stack outlet given that all operational conditions for the stack are maintained within their respective limits. The final dry hydrogen purity depends on the separation and purification systems which are part of the optional Balance of Plant (not included).

** The system and the stack can operate at 110% for sustained time if needed.