

# stellar

S E R I E S

## Next Generation alkaline electrolyser stacks.

Pressurised alkaline stacks for system integrators.



Performance guarantee



Integration support



Fast delivery



Up to 100 Nm<sup>3</sup>/h



High Efficiency

## Technical specifications

Hydrogen hourly production rate [Nm <sup>3</sup> /h]	100
Hydrogen daily production rate [kg/day]	215
Hydrogen pressure [barg]	32
Hydrogen purity [%]	>98%
Oxygen purity [%]	>98%
Stack Consumption [kWh/Nm <sup>3</sup> ]	4.59
Stack Consumption [kWh/kg]	51.07
Stack Operating temperature [ °C]	80-90
Stack rated voltage - BOL [V]	227
Stack rated voltage - EOL [V]	264
Stack rated current [A]	2027
Stack minimum current [A]*	1150
Stack rated power - BOL [kW]	460
Stack rated power - EOL [kW]	535
Stack minimum operating point [%]*	55%
Stack efficiency (HHV) [%]	77.2%
Stack efficiency (LHV) [%]	65.2%

\* Lower minimum load point on request.



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