

Technical specifications

Technology	Alkaline	
Power capacity	25	MW
Nominal production rate	10 000	kg/day
	4 635	Nm ³ /h
Stack energy consumption BoL ¹	48.8-51.2	kWh/kg
	4.40-4.60	kWh/Nm ³
System energy consumption BoL ¹	50.8-53.2	kWh/kg
	4.57-4.77	kWh/Nm ³
Outlet gas pressure	15	bar (g)
Hydrogen purity	≥ 99.5%	
Operating range stack	20 - 100%	
Operating range system	12.5 - 100%	
Ramp rate	2	sec/pp
Stack degradation	1 - 1.5%	/yr
System area	230	m ²
System location	Outdoor	
Ambient operating temperature ²	5 - 40 °C	

¹ BoL = Beginning of Life

² Optional hot and cold temperature kits available

Specifications are subject to change.

Utilities

The following utilities are required:

- Demineralized water
- Nitrogen for occasional purging
- AC power to the system
- Process cooling
- Instrument air

