



# REMA Be1

REMA Be1 is a stand alone plug & play 2.5 kW AEM electrolyzer, including water pretreatment and hydrogen drying modules. It only requires tap water and an electrical plug to provide pure and dry hydrogen targeting seamless integration in any established processes. Output rate is roughly 1kg of hydrogen per day.



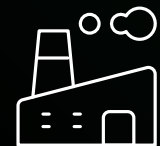
## HYDROGEN PRODUCTION SYSTEM FOR SMALL INDUSTRY AND INDIVIDUALS

Stack Power at 100% load		
Stack Energy Consumption	48	kWh/kg H <sub>2</sub>
Stack Efficiency HHV	82	%
Stack Replacement Cost	1000	CHF
Outlet Pressure	30	bar
Hydrogen Production	1 0.5	kg/day Nm <sup>3</sup> /h

System Power at 100% load		
System Energy Consumption (w/o Dryer)	52.5 (50.5)	kWh/kg H <sub>2</sub>
System Efficiency HHV (w/o Dryer)	75 (78)	%
System Lifetime	20	year
Hydrogen Purity (w/o Dryer)	99.995 (99.9)	%
Price	15'000	CHF
Footprint	55 x 45 x 65 0.16	[cm x cm x cm] [m <sup>3</sup> ]
Weight	80	kg

### APPLICATIONS

Industry



Domestic



Gadgets

