



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			System		
Stack Energy Consumption	49.25	kWh/kg H ₂	System Energy Consumption (w/o Dryer)	59.7 (55.5)	kWh/kg H ₂
Stack Efficiency HHV	80	%	System Efficiency HHV (w/o Dryer)	66 (71)	%
Stack Replacement Cost	6000	CHF (ex VAT)	System Lifetime	20	year
Outlet Pressure	30	bar	Hydrogen Purity (w/o Dryer)	99.995 (99.9)	%
Hydrogen Production	1 0.5	kg/day Nm ³ /h	Price	15'000	CHF (ex VAT)
			Footprint	55 x 45 x 65 0.16	[cm x cm x cm] [m ³]
			Weight	80	kg

APPLICATIONS

