



REMA Be1

REMA Be1 is a stand alone plug & play 2.5 kW AEM electrolyzer, including water pretreatment and hydrogen purification 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.



APPLICATIONS



HYDROGEN PRODUCTION SYSTEM FOR SMALL INDUSTRY AND INDIVIDUALS

Stack Power at 100% load			System Power at 100% load		
Stack Energy Consumption	48	kWh/kg H ₂	System Energy Consumption (w/o Dryer)	52.5 (50.5)	kWh/kg H ₂
Stack Efficiency HHV	82	%	System Efficiency HHV (w/o Dryer)	75 (78)	%
Stack Replacement Cost	1000	CHF	System Lifetime	20	year
Outlet Pressure	35	bar	Hydrogen Purity (w/o Dryer)	99.995 (99.9)	%
Hydrogen Production	1 0.5	kg/day Nm ³ /h	Price	15'000	CHF
			Footprint	67 x 65 x 44 0.19	[cm x cm x cm] [m ³]