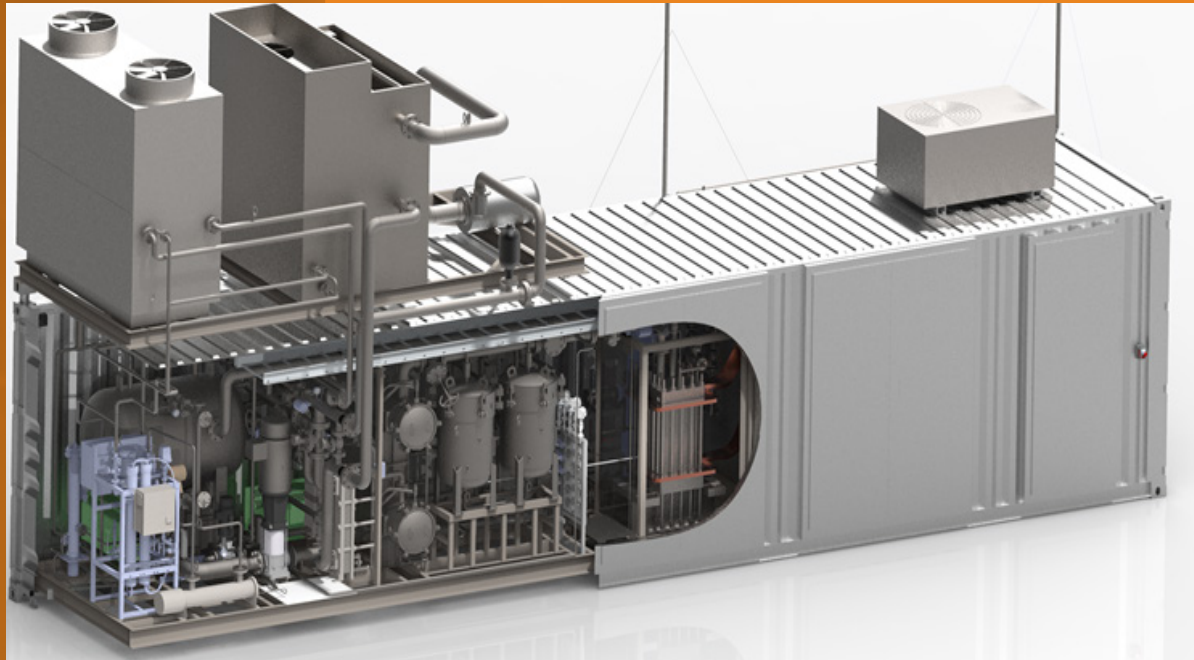


THE PLUG 1MW ELECTROLYZER

BEST-IN-CLASS GREEN HYDROGEN BASED ON 47+ YEARS OF EXPERIENCE



- Plug is building the global Green Hydrogen Ecosystem and is the only company offering PEM electrolyzers and fuel cell systems, all under one roof.
- The 1MW proton exchange membrane (PEM) electrolyzer system provides up to 425 kg/day of on-site hydrogen for markets including heavy industry, e-mobility and energy storage.
- Electrolyzers generate hydrogen from water using electricity and a special membrane. Green hydrogen uses renewable energy: solar, wind power or hydro.
- The Plug Gigafactory, fully operational by 2022, brings cutting edge manufacturing technology with 1 GW of capacity.

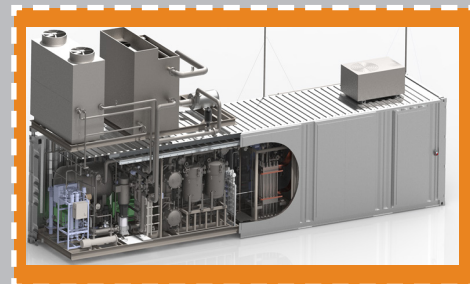
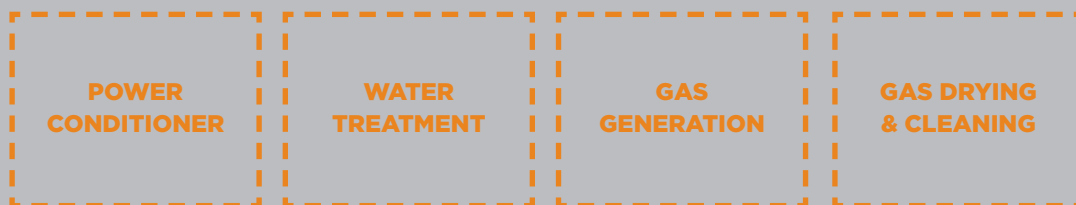
GENFUEL

®

PLUG
POWER 

Your full-service hydrogen
generation system

THE 1MW ELECTROLYZER SYSTEM IS A MODULAR BUILDING BLOCK TO SUPPORT YOUR ENERGY STORAGE, HYDROGEN FUELING STATION AND INDUSTRIAL NEEDS.



FEATURES	
Technology	PEM Water Electrolysis
Hydrogen Production	200 Nm ³ per hr/425 kg per day
H ₂ Delivery Pressure	40 barg/580 psig (without compressor)
H ₂ Quality	Up to 99.999%
Start up time - Warm start	30 seconds
Start up time - Cold start	<5 mins
Average Stack Efficiency*	49.9 kWh/kg
Compliance/Certifications	Compliant to ISO 22734, NFPA 2, CRN, CE
INPUT	
Input Power	1MW
Electrical	480 VAC, 60 Hz (USA) 400 VAC, 50 Hz (EU)
Average Water Consumption	13 liters/kg of H ₂ produced
PHYSICAL	
System footprint	8'x9.6'x40' / 2.4m x 2.9m x 12.2m
Temperature ratings	-40°F to 122°F / -40°C to 50°C
Installation	Outdoor

* Under average conditions in varying power environment

Corporate Headquarters

968 Albany Shaker Road
Latham, NY 12110
518.738.0320

PLUGPOWER.COM
electrolyzers@plugpower.com

