

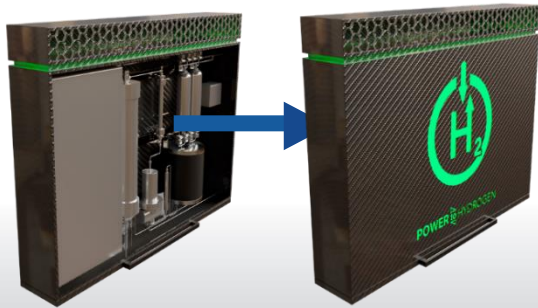
6.5 kWe Electrolyzer Sustained Mode

Features

Technology
Power Supply
Hydrogen Production
Oxygen Production
System Specific Consumption
Operating Range
H2 Output Pressure
O2 Output Pressure
H2 Quality
O2 Quality
Utilities Required to the Plant
Potable Water Consumption
Dimensions
Installation Environment

Specifications

AEM Water Electrolysis
6.5 kW | 3 phase, 480V, 30A
0.13kg | 1.44 NM3 | 18,720 BTU per hour
1.04 kg per hour
47-52 kWh/kg of H2 dependent on operating range
40 - 100%
30 Bar (250 Bar Under Development)
30 Bar Add-On For Space Environments
99.999%
>99%
Electrical Power, Potable Water
~9 L/kg of H2
60" Tall x 48" Wide x 36" Deep (reconfigurable for smaller formats) - total mass ~ 180 kg
-4° to 104° F Ambient

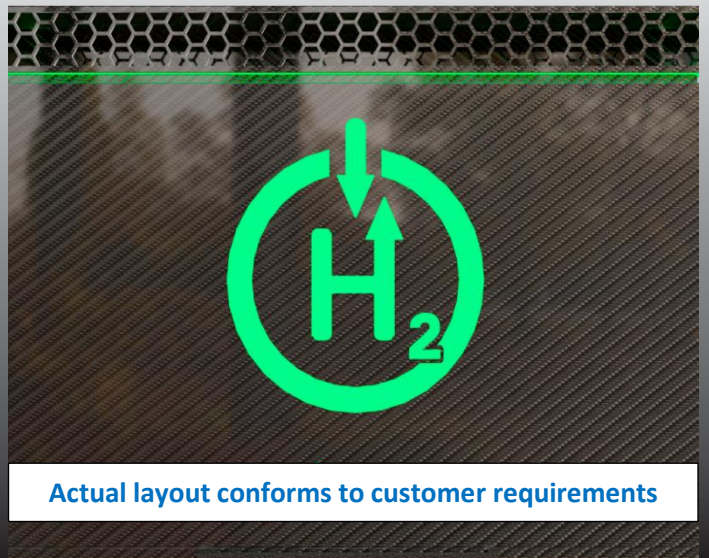


These Electrolysis Systems are capable of running in parallel for installations greater than 6.5 kWe.

Our electrolyzers use proprietary AEM technology that serve a variety of industrial and commercial purposes.

Our approach to AEM also makes the production of green hydrogen more economic and efficient.

Space rated system in development.



Actual layout conforms to customer requirements

Note1: Stack can be reduced to 2 kWe for smaller system

Note 2: 250 kWe in development ~ 2024