

Electrolyser AEM Cluster 60

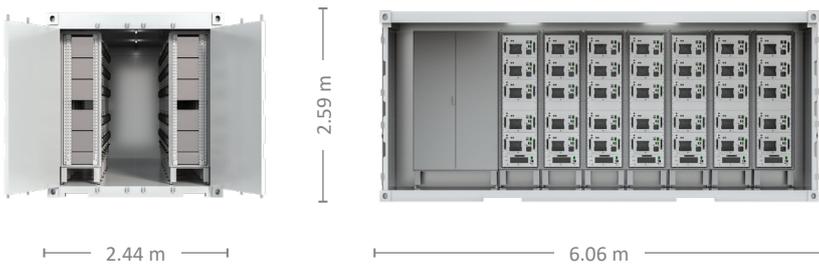


The Enapter AEM Cluster 60 is a fully assembled, ready to run and packaged electrolyser system in a 20' container. It supplies hydrogen with a rate of 30Nm³/hr at 99.999% purity. Site works are limited to the connection of vent and purge lines, water supply, hydrogen outlet piping as well as grid connections.

KEY FEATURES

- ≡ Extremely high availability and built-in redundancy
- ≡ Automated & remote operation with Enapter's Energy Management System
- ≡ Low requirements for input water purity
- ≡ Ideal for on-site hydrogen production
- ≡ Safe operation
- ≡ Scalable and modular from 10 to 30 Nm³/hr
- ≡ Quick and easy installation
- ≡ Low maintenance requirements

Specifications



Nominal power consumption	180 kW
Standard grid connection	3 × 400 VAC three phase grid
Nominal standby power	11 kW
Hydrogen production	30 Nm ³ /hr 64 kg/day
Dynamic hydrogen production range	1 - 100%
Hydrogen output purity	99.999% in molar fraction
Output pressure	0 - 35 barg
Water requirements	Clean tap water, internal purification included
Water input pressure	1 - 4 barg
Average water quantity	~ 46 L/hr ~ 1 m ³ /day
Cooling system	Liquid-cooling
External dimensions	20' container W × D × H in m = 2.44 × 6.06 × 2.59
Control and monitoring	Fully automatic with Enapter's EMS, Modbus