

# Electrolyser AEM Multicore



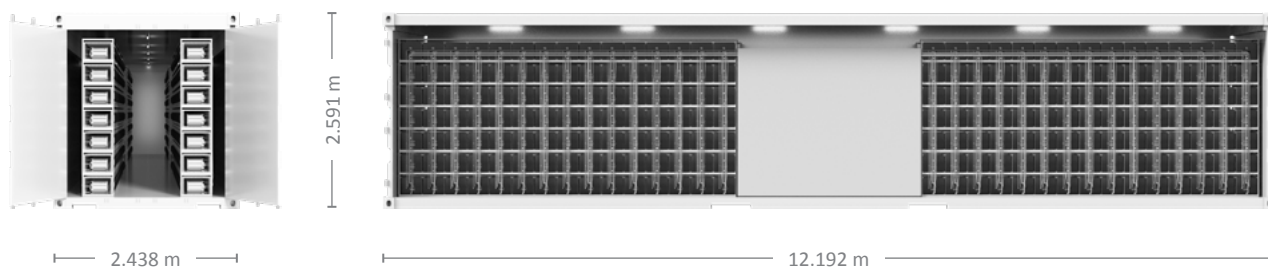
The Enapter Electrolyser AEM Multicore is fully assembled, ready to run and packaged in a 40' container. Site works are limited to the connection of vent and purge lines, water supply, hydrogen outlet piping as well as grid connections.

## 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, add as many modules as needed
- ≡ Quick and easy installation
- ≡ Low maintenance requirements

# Specifications

Enapter  
Electrolyser AEM Multicore



<b>Power consumption</b>	1,008 kW
<b>Standard grid connection</b>	3 × 400 VAC three phase grid
<b>Standby power consumption, max</b>	10 kW, includes HVAC
<b>Hydrogen production</b>	210 Nm <sup>3</sup> /hr 450 kg/day
<b>Dynamic hydrogen production range</b>	3 - 110%
<b>Hydrogen output purity with dryer</b>	99.999% in molar fraction
<b>Output pressure</b>	0 - 35 barg
<b>Water requirements</b>	Clean tap water, internal purification included
<b>Water input pressure</b>	1 - 4 bar
<b>Water quantity</b>	~ 420 L/hr (includes 50% purge from purification) ~ 10 m <sup>3</sup> /day
<b>Cooling system</b>	Liquid-cooling
<b>External dimensions</b>	40' container W × D × H in m = 2.438 × 12.192 × 2.591
<b>Control and monitoring</b>	Fully automatic with Enapter's EMS, Modbus