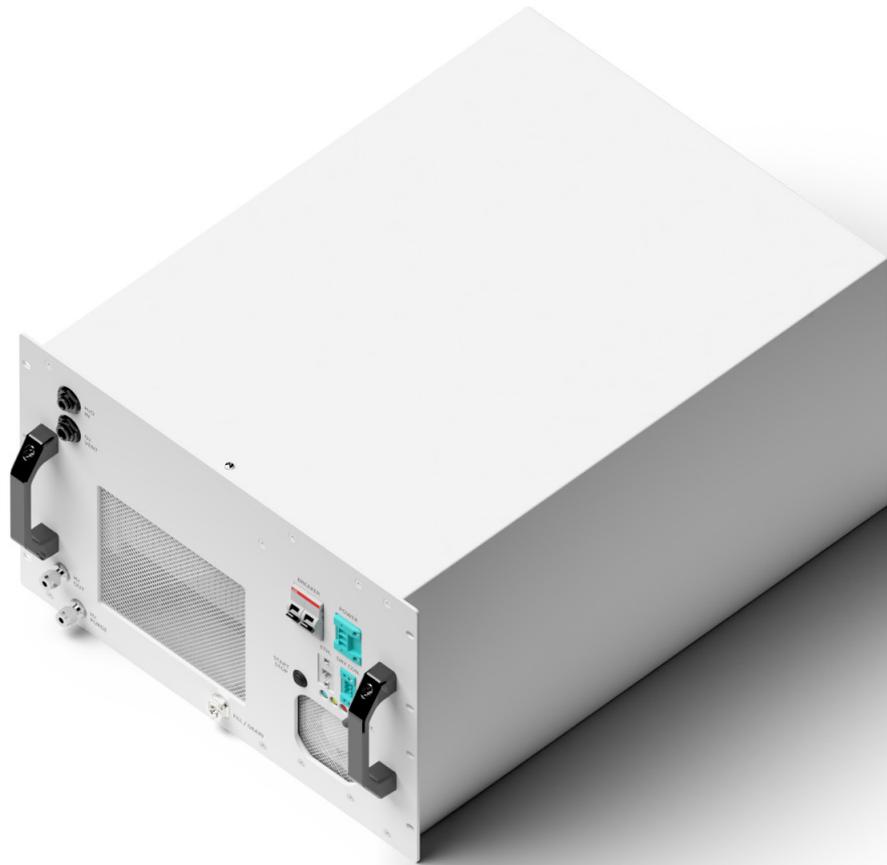


# AEM Electrolyser EL 2.1



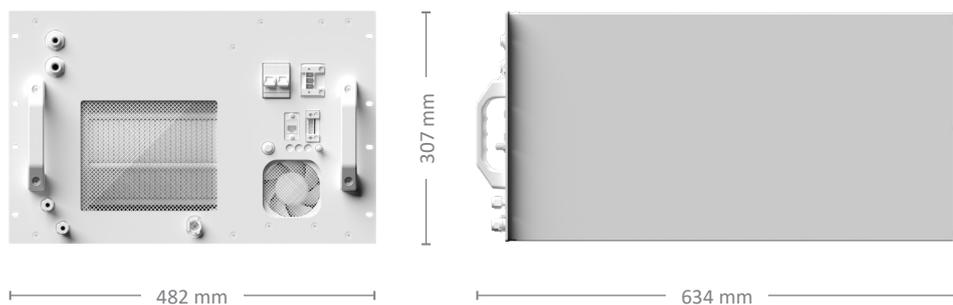
Enapter's patented anion exchange membrane (AEM) electrolyser is a standardized, stackable and flexible system to produce on-site hydrogen. The modular design – paired with advanced software integration – allows set up in minutes and remote control and management. Stack this electrolyser to achieve the required hydrogen flowrate.

## KEY FEATURES

- ≡ High efficiency
- ≡ Automated & remote operation with Enapter's Energy Management System
- ≡ Scalable and modular, add as many modules as needed
- ≡ Low maintenance requirements

# Specifications

Enapter  
AEM Electrolyser EL 2.1



<b>Production rate</b>	500 NL/h 1.0785 kg/24h
<b>Hydrogen output purity</b>	35 bar: ~ 99.90% (Impurities: ~ 1000 ppm H <sub>2</sub> O) 8 bar: > 1500 ppm H <sub>2</sub> O
<b>Output pressure</b>	Up to 35 barg
<b>Nominal power consumption per Nm<sup>3</sup> of H<sub>2</sub> produced</b> (beginning of life)	4.8 kWh/Nm <sup>3</sup>
<b>Operative power consumption</b>	2.4 kW
<b>Stand-by power consumption</b>	15 W
<b>Power supply</b>	AC 200 - 240 V, 50/60 Hz
<b>Ambient operative temperature range</b>	5 °C - 45 °C
<b>Ambient operative humidity range</b>	Up to 95% Rh, non-condensing
<b>IP rating</b>	IP 20
<b>Control and monitoring</b>	Fully automatic with Enapter's EMS, Modbus TCP via Ethernet
<b>Water consumption</b>	~ 400 mL/h
<b>Water input conductivity</b>	< 20 µS/cm (at 25 °C)
<b>Water input pressure range</b>	1 - 4 barg
<b>Weight</b>	55 kg
<b>Dimensions</b>	W: 482 mm × D: 634 mm × H: 307 mm
<b>Space inside cabinet</b>	7 U
<b>Conformity</b>	CE certified according to the machine directive 2006/42/CE