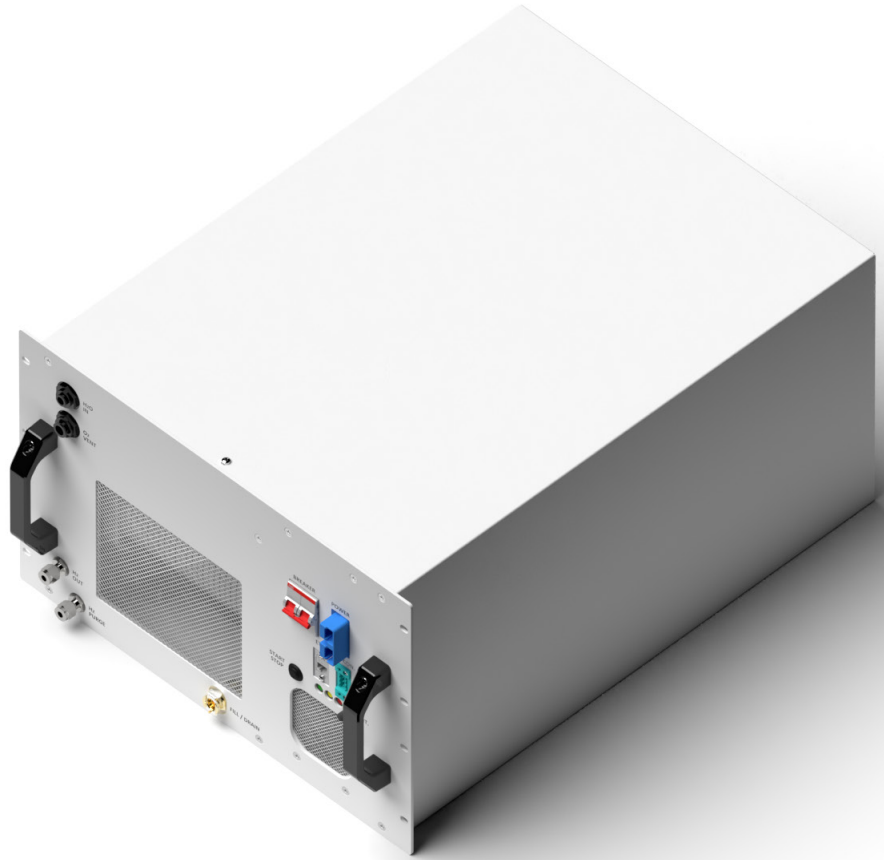


# AEM Electrolyser EL 2.1 DC



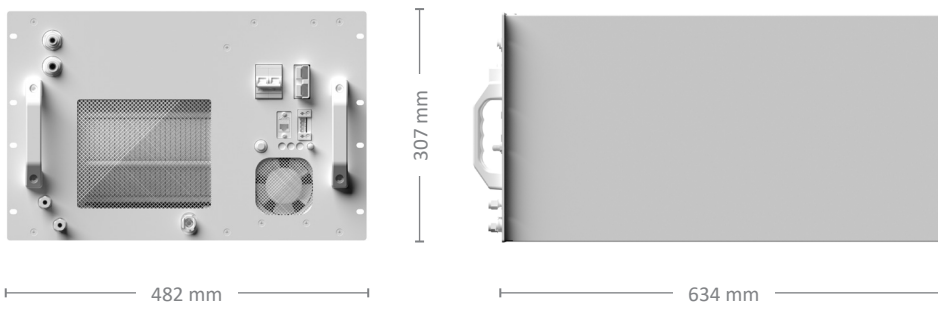
This is the DC version of Enapter's patented anion exchange membrane (AEM) electrolyser- a standardized, stackable and flexible system to produce on-site hydrogen. The modular design – paired with advanced software integration – allows set up in minutes and remote control and management. Stack this electrolyser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



<b>Characteristic number</b>	500 NL/h
<b>Hydrogen output purity</b>	35 bar: ~ 99.9% (1000-1500 ppm H <sub>2</sub> O)
<b>Hydrogen 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> (estimated- no data acquired)
<b>Operative power consumption</b>	2.4 kW (estimated- no data acquired)
<b>Stand-by power consumption</b>	15 W (estimated- no data acquired)
<b>Power supply</b>	DC 48 - 60 V
<b>Ambient operative temperature range</b>	5 °C - 45 °C (estimated)
<b>Ambient operative humidity range</b>	20 - 95% Rh, non-condensing (estimated)
<b>IP rating</b>	IP 20
<b>Control and monitoring</b>	Fully automatic with Enapter's EMS, Modbus
<b>Water consumption</b>	~ 400 mL/h
<b>Maximum water input conductivity</b>	< 20 µS/cm at 25 °C
<b>Module weight</b> (without water)	55 kg
<b>Module dimensions</b>	W: 482 mm × D: 634 mm × H: 307 mm