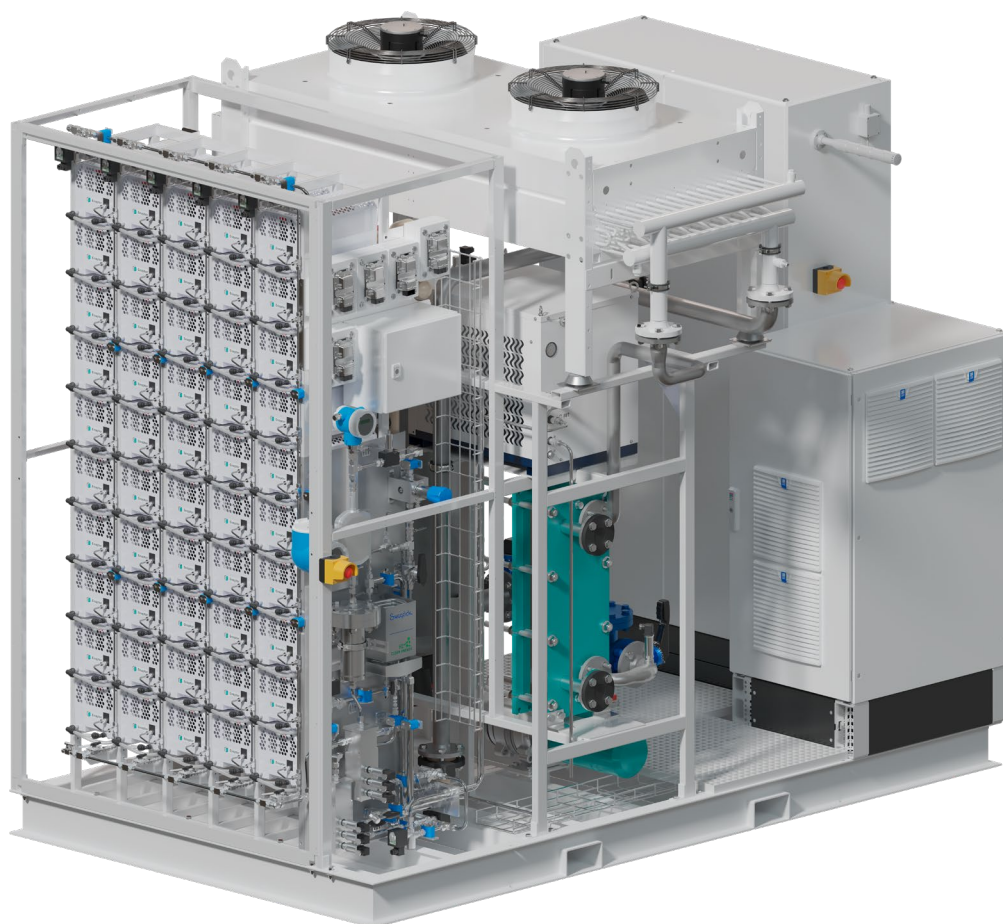


AEM FLEX 120



Key features

- ≡ Extremely high availability and built-in redundancy
- ≡ Automated & remote operation with Enapter's EMS
- ≡ Quick and easy installation (skid mounted)
- ≡ Low maintenance requirements
- ≡ Rapid reaction time to intermittent renewables

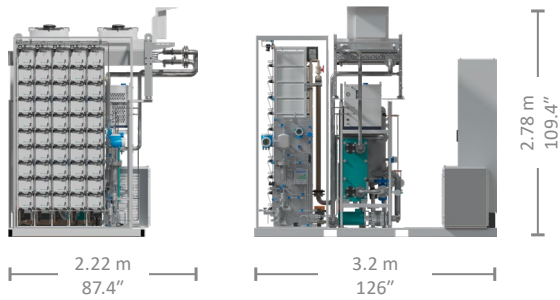


AEM Flex 120

www.enapter.com/aem-flex-120

Specifications

Enapter
AEM Flex 120



H₂ nominal flow	25 Nm ³ /h 53.9 kg/24h	Netvolume flow rate
H₂ outlet pressure	Up to 35 barg (507.63 psig)	
H₂ purity	99.95% in molar fraction	Impurities: H ₂ O < 500 ppm, O ₂ < 5 ppm
H₂ purity with optional dryer	99.999% in molar fraction	Impurities: H ₂ O < 5 ppm, O ₂ < 5 ppm
H₂ outlet temperature	5 – 55 °C (41 – 131 °F)	
O₂ nominal flow	12.5 Nm ³ /h	Vented at atmospheric pressure
Nominal power consumption	120 kW	Beginning of life (BOL)
Voltage	3 × 400 VAC	±10 %
Frequency	50/60 Hz	±10 %; THD < 5%
H₂O nominal consumption	23 L/h (6.08 gal/h)	Purified water
H₂O inlet quality	Minimum ASTM D1193-06 Type IV or recommended Type II or Type III ¹	
Operational flexibility	12% – 100 %	Of nominal H ₂ flowrate
Specific power consumption (Efficiency)	4.8 kWh/Nm ³ H ₂ 53.3 kWh/kgH ₂	Including all utilities inside the battery limits of the AEM Flex (at BOL)
Hot startup time	0 – 100% in 100 seconds	Electrolyte is at min. 35 °C (95 °F)
Cold startup time	0 – 100% in 20 minutes	Assuming 15 °C (59 °F) ambient temperature
Type of installation	Indoor	5 – 35 °C (41 – 95 °F)
Process heat output	35 kW	Beginning of life (BOL); ≈ 50 °C (≈ 122 °F)
Dimensions	3.2 × 2.22 × 2.78 m (126" × 87.4" × 109.4")	(L × W × H)
Transport dimensions	Fits inside 20 ft high cube container	
Weight	≈ 3,700 kg (8157 lbs)	

¹ Please, check the Battery limits and the Owner's Manual for the complete requirements list.

Note: The product is under continuous improvement and the technical specifications might be subject to change. Please make sure to refer to our website for the most recent specifications.