

Water Tank 2.1



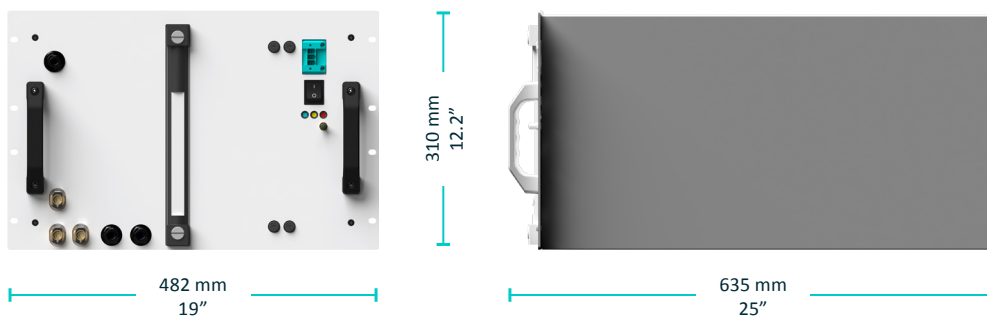
Enapter's Water Tank provides storage for 38 litres of clean water for the AEM Electrolyzer. The water tank is rack mountable into a standard 19" cabinet. The tank contains a conductivity sensor and a pump system to supply up to 11 AEM Electrolyzers with clean water.

- High efficiency
- Control of water input conductivity
- Automated & remote operation with Enapter's Energy Management System
- Low requirements for input water purity
- Ideal for on-site hydrogen production systems
- Modules can be easily integrated in 19" racks
- Safe operation
- Scalable and modular, add as many modules as needed
- Quick and easy installation
- Low maintenance requirements
- Small footprint thanks to compact design



Water Tank Module WTM 2.1
www.enapter.com/water-tank

Specifications



Capacity	38.5 L (10.17 gal)
Output Pressure	Up to 2.75 barg (up to 40 psig) ¹
Operative power consumption	35 W
Stand-by power consumption	3W
Power supply	AC 110-240 V, 50/60 Hz
Ambient Operative Temperature Range	5 – 45°C (41 – 113°F)
Ambient Operative Humidity Range	Up to 95% humidity, non-condensing
IP rating	IP 20
Control and Monitoring	Fully automatic with Enapter's EMS
Water input requirements	<ul style="list-style-type: none"> - Recommended Type II according to ASTM D1193-06 and required acidity < 0.1 meq/L according to ASTM D1067 - Maximum conductivity of 2 µS/cm
Water input pressure range	0 – 6 barg (0 – 87 psig)
Max outlet flow rate	3.8 L/min (1 gal/min)
Water inlet flow requirement	>0,28 L/min (> 0.07 gal/min)
Weight (without water)	23 kg (51 lbs)
Weight (with water)	62 kg (137 lbs)
Dimensions (W x D x H in mm)	482 x 643 x 310 mm (19" x 25" x 12.2")
Space inside cabinet	7 U
Maintenance	If in use, the water tank is maintenance-free. After any period without use exceeding 1 month, the tank must be drained and washed before continuing usage.
Recommended number of electrolyzer modules to be supplied	Up to 11

¹ Internal demand pump: pressure switch setting at 2.75 barg