



WATER PURIFICATION SYSTEM 2.1 (WPS 2.1)

LxDxH= 227 x 297 x 505 mm

Water Purification System 2.1

Enapter electrolyzers are highly resilient to water input and can be fed with purified rainwater or tap water. A simple reverse osmosis processes with resin filters can provide the required water quality. The water input to the electrolyser needs to be desalinated and have a conductivity of $< 20 \mu\text{S}/\text{cm}$.

Input water	Drinking water or Tap water
Output water conductance	$< 5 \mu\text{S}$
Operative power consumption	200 W (Standby $< 3 \text{ W}$)
Standard power supply	230 V / 50 Hz
Clean water production rate	2 l/min = 120 l/h
Operating pressure water system	1,5 bar ... 4,0 bar
Water temperature	+5 °C ... +30 °C
Environment operating temperature	+5 °C ... +40 °C
Weight (empty)	17,7 kg
Filtering system	Reverse osmosis system is an osmotic module for the removal of dissolved salts and other possible pollutants present ion exchange resins bottle including: <ul style="list-style-type: none"> - Pre filter module: Capacity approx.: 8000 l - Fine filter module Capacity approx.: 1500 l
Water storage tank	2 l
Maintenance	Maintenance intervals dependent on water input quality. Approximated values mentioned above
Place of installation	Can be delivered preinstalled inside a cabinet on request.
Recommended max number of AEM electrolyzers that can be supplied with WPS	Maximum 5 Electrolyzers