

Water Purification System 2.1 (WPS 2.1)



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 $< 20 \mu\text{S/cm}$.

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This is a design data sheet, changes to the technical parameters are protected.

Specifications

Water Purification System (WPS 2.1)



LxDxH= 227 x 297 x 505 mm

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| Input water | Drinking water or Tap water |
| Output water conductance | < 5 μ S |
| Operative power consumption | 200 W (Standby < 3 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 Electrolysers |

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