

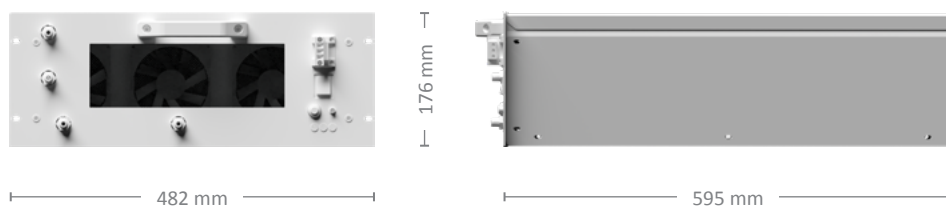
# Dryer DRY 2.1



Enapter's dryer is a hybrid temperature/pressure swing adsorption system that comprises of cartridges filled with a highly adsorbent material. The dryer is maintenance-free. During operation, one cartridge catches the humidity from the hydrogen gas stream of the electrolyser, while the other cartridge is heated and regenerated. The dryer is rack-mountable in a standard 19" cabinet.

# Specifications

Enapter  
**Dryer DRY 2.1**



<b>Hydrogen flow rate</b>	Up to 2.5 Nm <sup>3</sup> /hr
<b>Max. allowable input impurities</b>	1,000 ppm H <sub>2</sub> O
<b>Hydrogen output purity at all times</b>	> 99.999% in molar fraction
<b>Average dewpoint and impurities</b>	< -70°C, compliant with ISO14687 (H <sub>2</sub> O < 5 ppm, O <sub>2</sub> < 5 ppm)
<b>Operating pressure</b>	35 bar
<b>Operative power consumption</b>	200 W
<b>Standby power consumption</b>	10 W
<b>Standard power supply</b>	AC 200-240 V, 50/60 Hz
<b>Ambient temperature</b>	5 - 45°C
<b>Module dimensions</b>	W × D × H in mm = 482 × 595 × 176 (4U)
<b>Weight</b>	23 kg
<b>Maintenance</b>	Maintenance-free
<b>Control and monitoring</b>	Fully automatic with Enapter's EMS