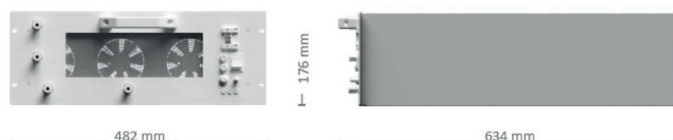


DRYER 2.1

ENAPTER'S DRYER IS A HYBRID TEMPERATURE/PRESSURE SWING ADSORPTION SYSTEM WHICH PRODUCES 5.0 DRY HYDROGEN FROM 3.0 QUALITY.



Dryer 2.1

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.

Hydrogen flow rate	2,500 NI/h
Input pressure	35 bar
Output pressure	Up to 35 bar
Min. input purity	> 99.8 %
Hydrogen output purity	99.999 % in molar fraction
Average dewpoint and impurities	< -70 °C, compliant with ISO14687 (H ₂ O < 5 ppm, O ₂ < 5 ppm)
Weight	23 kg
Dimensions (W x D x H in mm)	482 × 634 × 176
Space inside cabinet	4 U
Operative power consumption	200 W
Stand-by power consumption	10 W
Power supply	AC 200-240 V, 50/60 Hz
Ambient operative temperature range	5 – 45 °C
IP rating	IP 20
Maintenance	Maintenance-free
Control and monitoring	Fully automatic with Enapter's EMS (Energy Management System)