

# Technical data of the H2Globus Station

## Main components

- Water purification module (reverse osmosis)	l/h	50
- Hydrogen (oxygen) generation module	m <sup>3</sup> /h	1 (2)
- Hydrogen pressure boosting module	bar	833
- Hydrogen storage module	kg	50
- Vehicle Refueling Module	kg/min	1,8

## Auxiliary components

- Cooling module - alternative heat supply, maximum	kW/h	1,3
- Alternative energy supply module	kW/h	2

## General information

- Station weight	kg	2450
- Dimensions of the station	mm	4000/2000/1000

## Electrical characteristics

- Nominal voltage consumption	V	1~230
- Consumed nominal frequency	Hz	50
- Rated power consumption	kW/h	9
- Full power output for alternative energy supply	kW/h	2
- Full power reserve	kW	923

## Thermal performance indicators

- Available waste heat with continuous hydrogen generation	kW/h	1,3
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## Hydraulic connections

Supply of technical water to the station	1/2"
Distilled/Waste Water Hose	1/4"

## Water consumption of technical water when operating at full capacity

- Without alternative water supply	l/h	2
- With alternative water supply	l/h	92
- Alternative water supply with softened water	l/h	45

