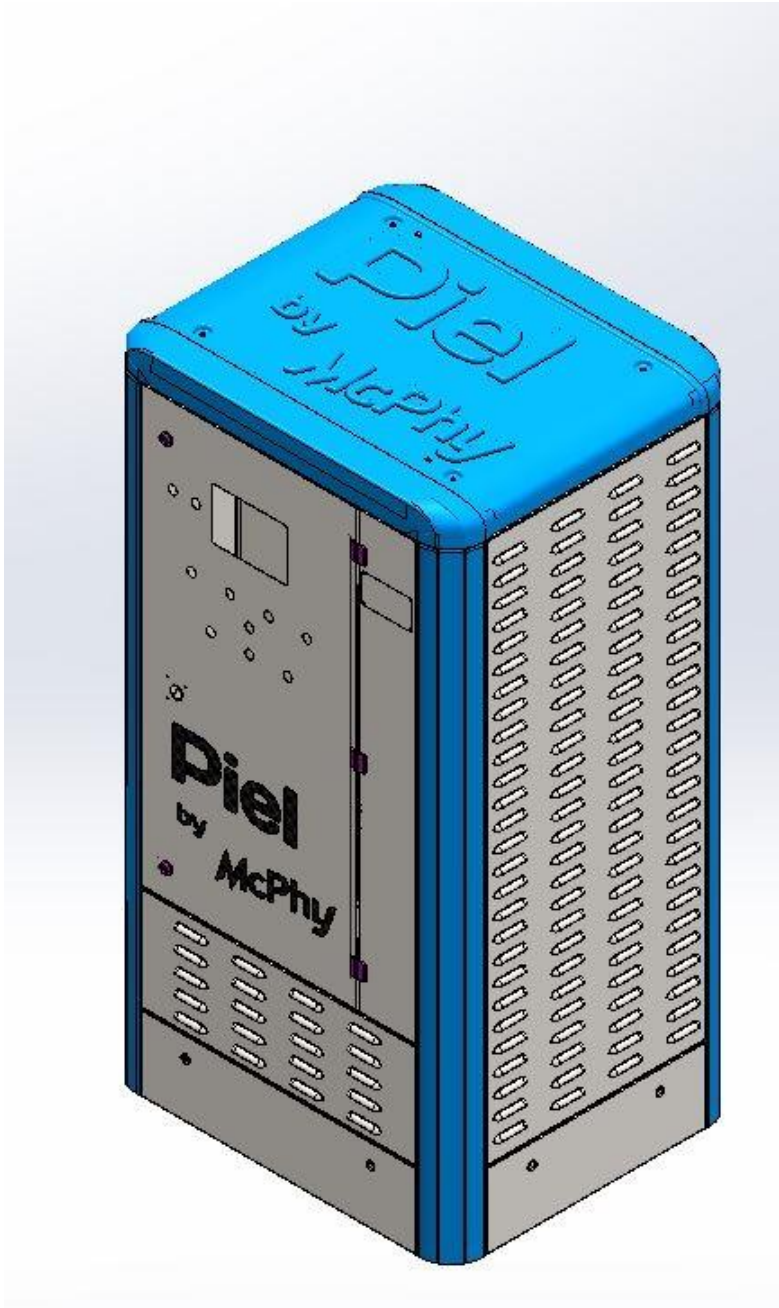


McPhy

Driving
clean energy
forward

Green and Safe Hydrogen Solutions



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Reliable, Flexible, Proven

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Hydrogen generator

Technical specifications

Model	1.5	2.4
Working Pressure	2.0 barg	
Max. Hydrogen Production Rate	1 Nm ³ /h	1,6 Nm ³ /h
Max. Oxygen Production Rate	0,5 Nm ³ /h	0,8 Nm ³ /h
H ₂ Purity (downstream electrolyser)	Up to 99,5 ± 0,3 % (dry basis) (H ₂ O saturated at the temperature of delivery, < 5 000 ppm O ₂ at full load) Higher purity can be achieved with loose accessories	
Range of Room Temperature	+5 °C < T < +35 °C	
Electrolyte	20 % NaOH	
Approx. Electrolyte Quantity	25 L	
Demineralized Water Consumption	< 1 L/Nm ³ of H ₂	

Power supply

Model	1.5	2.4
Voltage	3 x 400 V AC ± 5 %	
Phases	3P + N + PE	
Frequency	50 Hz ± 1 %	
Expected consumption at max load	6 kW	9 kW

Cooling System

Gas Cooling System	Air Heat Exchanger
Electrolyte Cooling System	Air Heat Exchanger

Mass & Size

Dimensions (L x W x H)	76 cm x 90 cm x 169 cm
Weight	500 kg
Number of Cell Stacks	1

Certifications

CE : PED, EMC, Machinery

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