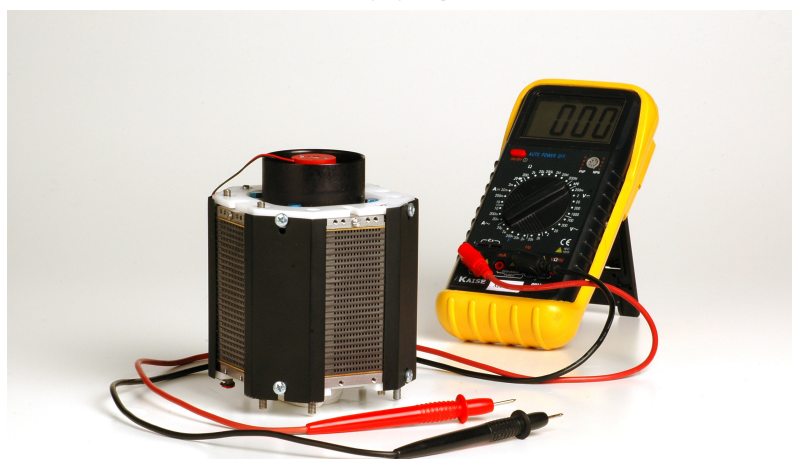


100 SR4



Specification and technical data	
Type	Proton Exchange Membrane (PEM)
Fuel	High Purity Hydrogen
Oxidant	Oxygen (from air)
Cooling	Air (Forced Ventilation)
Ventilation	Air Fan
H2 Pressure	250 mbar relative
Fuel Cell Stack	4 stacks 25SR4-C
Reaction Area	3.8 cm ² per MEA
Working Temperature	30 to 40° C
Electrical Features	
Nominal Power	100 W (@2 ,5 A)
Output Voltage (4 Stacks série)	32 to 90 V
Power Density	330 mW/cm ²
Volume Power Density	90 mW/cm ³
Lifetime (estimated)	1000 h
Other Features	
Dimensions	110x110x110 mm
Weight	900g
Room Temperature	Between 5 and 40° C

This stack is not an autonomous hydrogen Power Unit. For working properly, the stack should be used with a hydrogen purging system. Depending on the current produced by the stack, the hydrogen should be purged from time to time. The stack user should also consider that the fans should be always be fed at the operating voltage. For a correct use, the user must read the instructions manual.