

PEM Stack 300W hydrogen fuel cell stack

- ⇒ ideal basic component for individual system solutions
- ⇒ user-friendly stack without additional humidification
- ⇒ easy integration and high flexibility
- ⇒ scalable performance



Technische Daten

Art.-Nr. 10875	PEM Stack 300 W
electr. voltage	15 - 30 V DC
electr. power	300 W nominal
electr. current	18 A (at nominal power)
operating temperature	5 to 55 °C
efficiency	45 % at 300 W
media	hydrogen 3.0 (dry), ambient air
H ₂ consumption	4.5 l/min
H ₂ inlet pressure	250 to 350 mbar
number of cells	30 (others on request)
dimensions	175 mm x 85 mm x 95 mm
net weight	1.7 kg
couplings *	G1/4" (female thread)

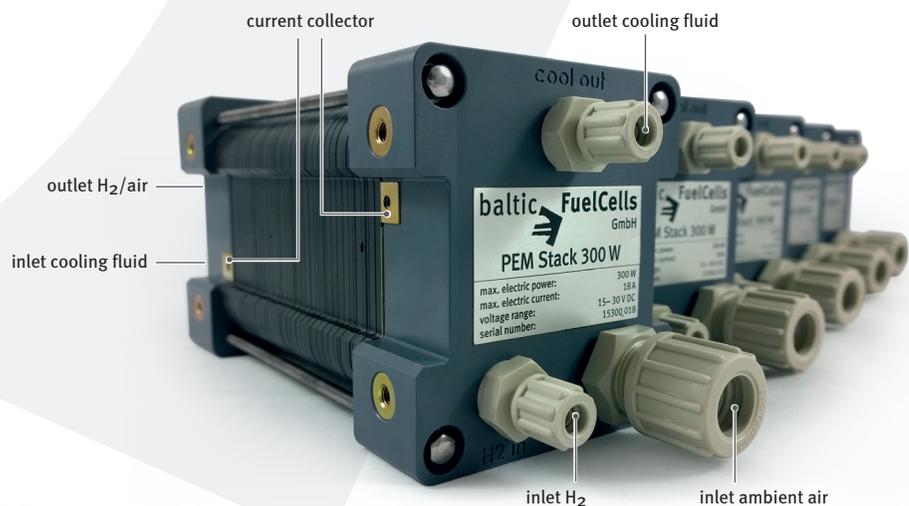
* media connectors not included in delivery

Optionally with control and BOP components

Additionally, balticFuelCells offers optional equipment for the PEM Stack 300 W. This includes pumps, ventilators for handling the media supply and an electric control unit for the overall system.



electronic control unit



balticFuelCells' liquid cooled stack provides 300W of electrical power. Due to its liquid cooling the utilization of thermal power is possible. The fuel cell stack can be operated with dry or ambient media. This simplifies the overall system. The stack is used in various applications, such as e-mobility, in testing environments and UPS applications. The **PEM Stack 300 W** offers system integrators a product ready for production from a competent and reliable partner.

