

LEV Stack 200W hydrogen fuel cell stack

- ➔ ideal for applications with small space requirements
- ➔ designed for Light Electric Vehicles
- ➔ essential peripheral components already integrated
- ➔ low effort for the design of the system design

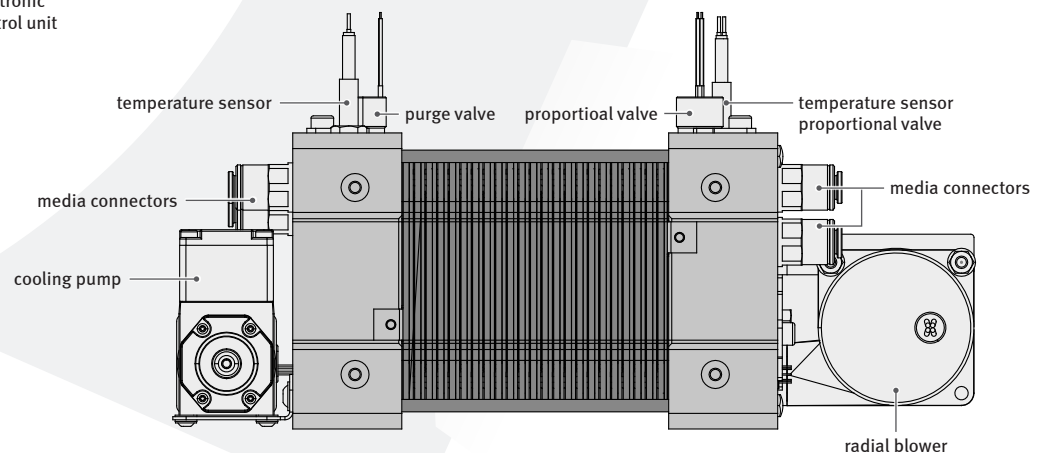
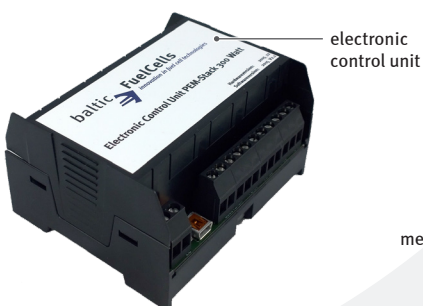
technical data

Art.-Nr. 12600	PEM Stack 300 W
electr. voltage	9 - 22 V DC
electr. power	200 W nominal
electr. current	18 A (at nominal power)
operating temperature	5 - 62,5 °C
efficiency	48 % at 200 W
media	hydrogen 3.0 (dry), ambient air (non-humidified)
H ₂ consumption	3.0 l/min
H ₂ inlet pressure	1 - 4 bar (g)
number of cells	22 (others on request)
dimensions	155 mm x 85 mm x 95 mm
net weight	1.65 kg
couplings *	cathode inlet: G 1/4" (female thread) anode/cooling, cathode outlet: G 1/8" (female thread)

* media connectors not included in delivery

Optional Equipment

Matching the LEV Stack 200 W, balticFuelCells offers an electronic control unit. This takes over the control and regulation of the integrated peripheral components and provides system functions for your overall system.



The liquid cooled stack from balticFuelCells delivers an electrical output of 200 W at an efficiency of approx. 48%. Due to the liquid cooling, heat extraction and utilization is possible. The stack does not require external humidification of the media and essential peripheral components are already integrated in the end plates. This allows the rapid assembly of a complete system with small dimensions/size. The stack is especially designed for Light Electric Vehicles (e.g. pedelecs and cargo bikes). For system integrators, the **LEV Stack 200 W** is a product ready for production from a competent and reliable partner.

