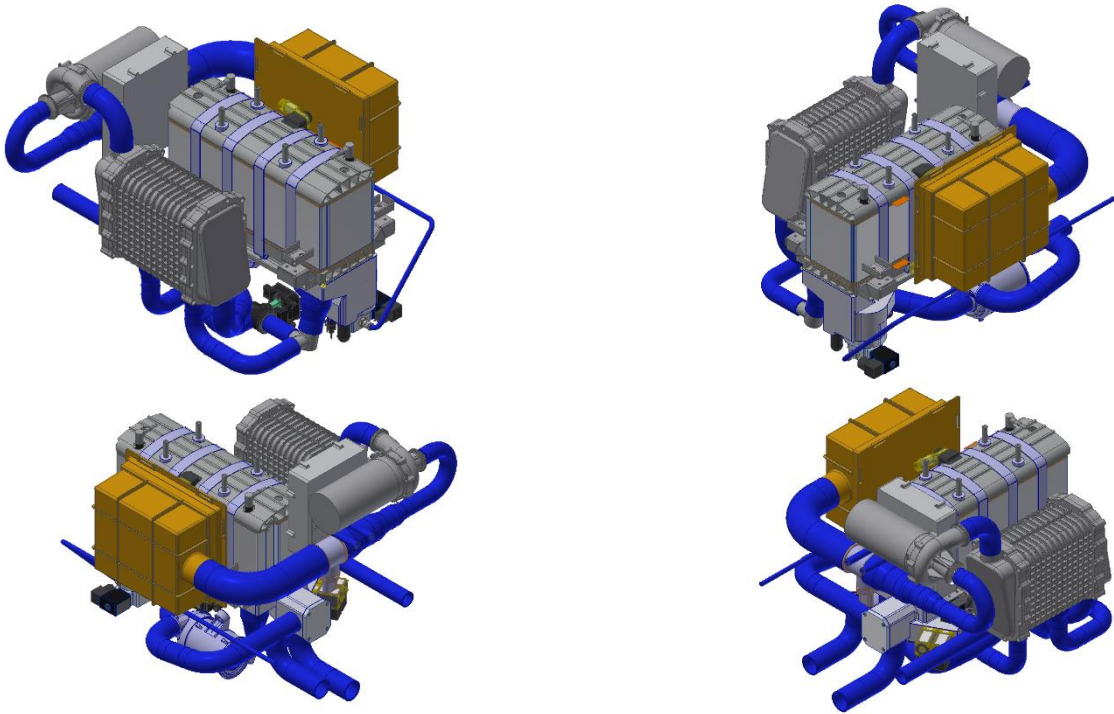


# 30 kW FC system



Not shown: air mass flow meter, brackets, wiring harness, covers, heat shields, coolant reservoir

FC system technical data	Nominal load	Peak load
Number of cells	143	
Max. continuous net power	28 kW	36 kW
DC electric supply	95V, 300 A	88 V; 415 A
System pressure	1.8 bar <sub>abs</sub>	
Voltage range <small>(Peak Power EOL ... OCV BOL)</small>	78 .. 157 V	
Coolant flow (pump integrated)	65 l/min	75 l/min
Coolant outlet temperature	80°C	
Coolant waste heat	24 kW	35 kW
System efficiency <small>(LHV H2 in to DC stack out)</small>	50 %	47 %
Dimensions (H x W x D) <sup>1)</sup>	427 x 647 x 408 mm	
Weight <sup>2)</sup>	49 kg	
Durability (depending on usage profile)	approx. 5000 h	

1) Not included: coolant reservoir, brackets

2) All included (but radiator and DC/DC converter not within system content)