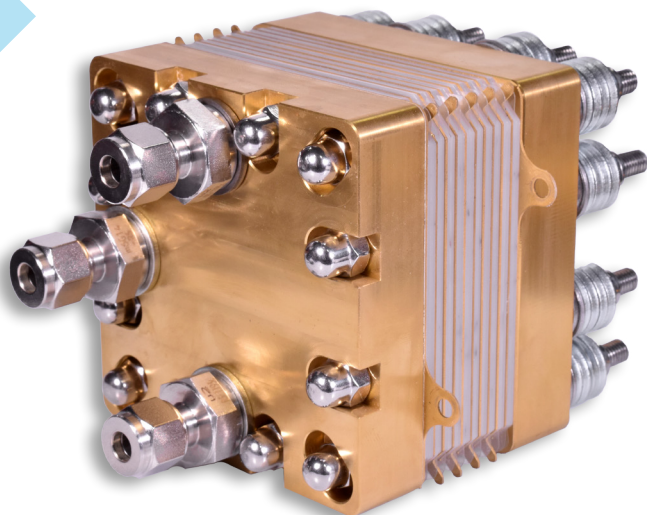


# PEM Water Electrolyser

## LCWE-25



LEANCAT  
FUEL CELL TECHNOLOGY



### Key features

- Advanced PEM **water electrolysis stack**
- Produces hydrogen at **high pressure** (cathode)
- Low-pressure oxygen outlet (anode)
- Designed for **integration** in H<sub>2</sub> systems
- Power range **up to 3 kW**

Active area	25 cm <sup>2</sup>
Max. current	60 A
Operating pressure H <sub>2</sub>	0 - 25 bar(g)
Operating pressure O <sub>2</sub>	Unpressurized
Operating temperature	30 - 70 °C
Required water quality	DIN ISO 3696 type 1

	LCWE-25-10	LCWE-25-20	LCWE-25-30
Nominal load	1 kW	2 kW	3 kW
Max. production H <sub>2</sub>	225 NL/h	450 NL/h	675 NL/h
Water consumption	0.05–0.3 L/h	0.1–0.6 L/h	0.2–0.9 L/h
Cooling water flow rate	3–60 L/h	6–100 L/h	10–130 L/h
Dimensions W x D x H	85 x 85 x 150 mm	85 x 85 x 200 mm	85 x 85 x 250 mm
Weight	2.5 kg	3 kg	3.5 kg



LEANCAT s.r.o.  
U Pergamenky 1145/12  
170 00 Prague, Czech Republic  
info@lean-cat.com  
[www.lean-cat.com](http://www.lean-cat.com)