

WE MAKE GREEN HYDROGEN POSSIBLE!

REVOLUTIONARY SIMPLE

WEW GmbH

Headquartered in Dortmund, Germany is an independent manufacturer of electrolysis stacks to produce hydrogen. WEW's innovative and cost-efficient alkaline electrolysis stacks enable the economic production of green hydrogen in many areas of application. WEW's mission is to develop, manufacture, and provide this core component needed for any hydrogen production plant. The basic design of WEW's stacks is suited for a wide range of applications from small, decentralized plants to large-scale GW plants. In addition, WEW GmbH offers engineering support for optimal system integration. A commercial product launch is expected in 2025.

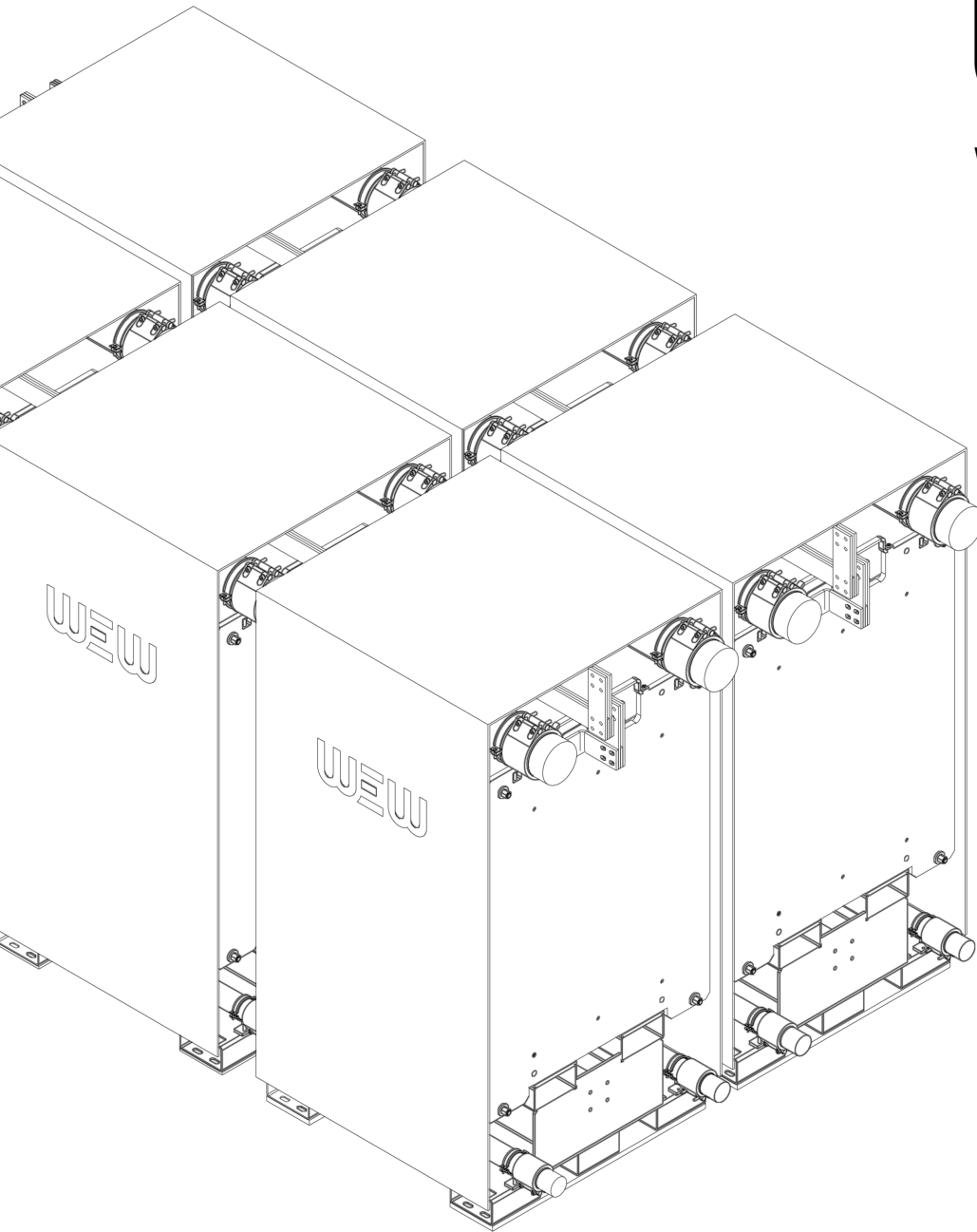
More Info

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WEW

WATER ELECTROLYSIS WORKS



REVOLUTIONARY STACK DESIGN

- Low cost input materials
- Robust alkaline technology
- Economic power consumption
- Easy combination of individual stacks to multi MW stack arrays

SPECIFICATIONS

Base Plate	1.1 m x 1.1 m
Height	2.1 m
Weight	1.5 t*
Nameplate Power Consumption	0.5 MW
H ₂ Production Capacity (Volume)	100 Nm ³ /h
Specific Power Consumption	4.5 kW/Nm ³ H ₂
Operating Temperature	90 °C
H ₂ Pressure	0.4 barg
H ₂ Purity	> 99.9 vol.-%**
Power Supply (DC)	0 - 2410 A / 160 - 210 V
Purified Water Requirement	< 5 µS/cm

* without lye and water ** after H₂O removal purification up to 99.999 vol.-%. possible
All figures are to be understood as "expected values"

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