

# **WE MAKE GREEN HYDROGEN POSSIBLE!**

REVOLUTIONARY SIMPLE

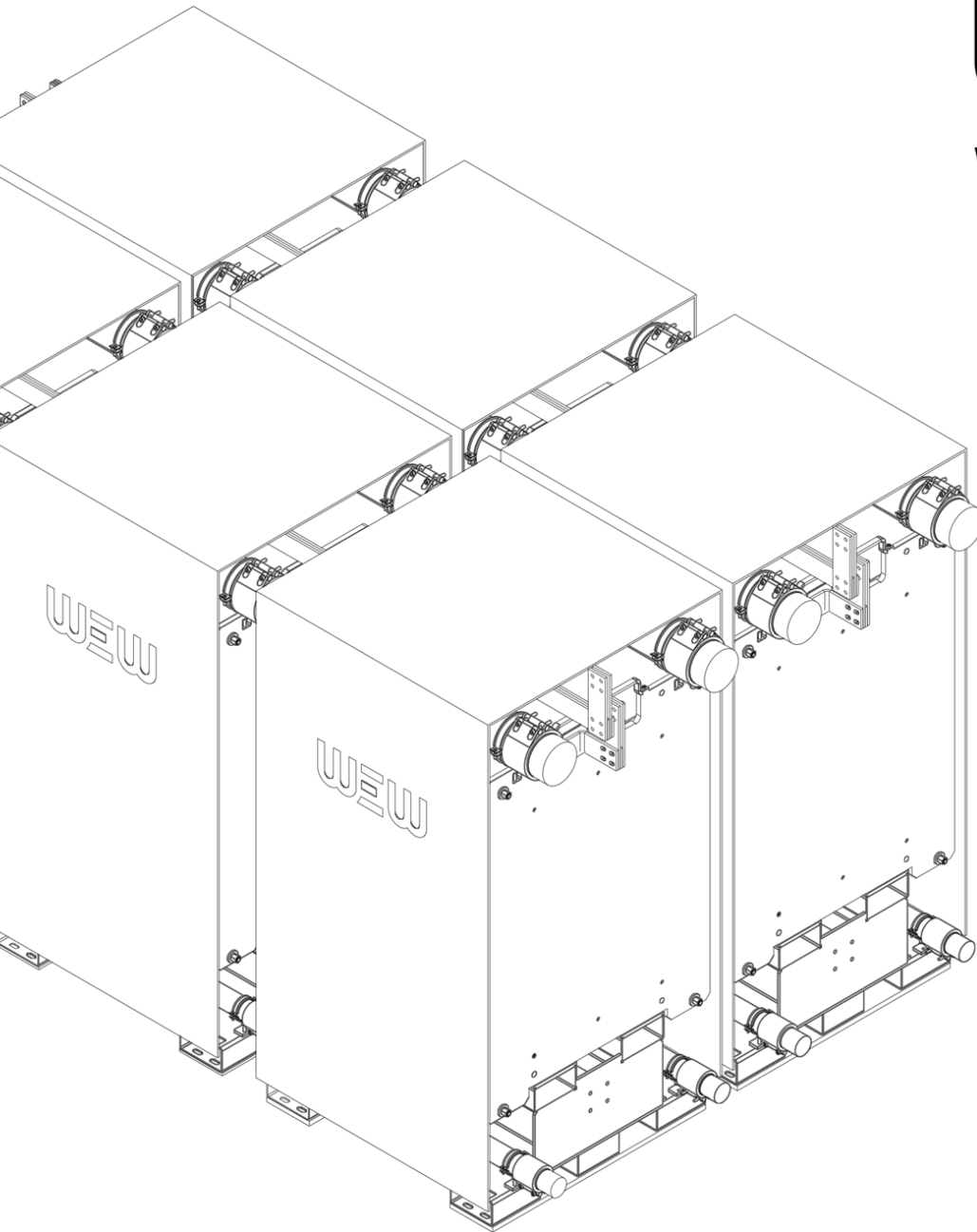
## **WEW GmbH**

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.

## **More Info**

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[www.wewhydrogen.com](http://www.wewhydrogen.com)



## 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	1.7 t*
Nameplate Power Consumption	0.5 MW
H <sub>2</sub> Production Capacity (Volume)	100 Nm <sup>3</sup> /h
Specific Power Consumption	4.5 kW/Nm <sup>3</sup> H <sub>2</sub>
Operating Temperature	90 °C
H <sub>2</sub> Pressure	0.4 barg
H <sub>2</sub> Purity	> 99.9 vol.-%**
Power Supply (DC)	0 - 2410 A / 160 - 210 V

\* without lye and water \*\* after H<sub>2</sub>O removal; purification up to 99.999 vol.-%. possible  
All figures are to be understood as "expected values"