

# **Solar hydrogen production container equipment manufacturer**





## Overview

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What is shuangliang large size hydrogen production system?

With its innovative design in safety, longevity, and efficiency, Shuangliang large size hydrogen production system can excellently serve the hydrogen demand in different industries, such as chemical, transportation, refinery, and metallurgy, etc. Currently the most applied industry for green hydrogen.

When did shuangliang start a hydrogen production system?

Relying on more than 40 years of mechanical manufacturing experience, Shuangliang started hydrogen production system research since 2015. In Sep 2022, Shuangliang launched 1st unit 1000NM<sup>3</sup>/h AWE electrolysis stack and BOP system.

How does a hydrogen production system work?

The hydrogen production system adopts core components such as pressure vessels, BOP units and catalysts that are completely designed and manufactured in-house. The electrolyzer adopts intrinsically safe design to achieve triple insurance, eliminate hydrogen and oxygen mixture, no risk of leak and fire.

What are the applications of green hydrogen?

Currently the most applied industry for green hydrogen. Green hydrogen is to be widely used in refinery industry in terms of replacement of gray hydrogen. Green Hydrogen will play significant role in the carbon emission reduction in steel industry. Hydrogen as driving energy has big potential in transportation sector.



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### [Container type hydrogen production equipment\\_Trina Green Hydrogen](#)

The hydrogen electrolyzed by the electrolyzer contains more alkali, which is first separated by a gas-liquid separator, and then the residual lye is further separated through the scrubber to ...

### [Trina Hydrogen Unveils Modular 5 MW Container Electrolyzer](#)

Jun 12, 2025 · SHANGHAI -- On June 11, the 18th (2025) International Photovoltaic Power and Smart Energy (Shanghai) Conference and Exhibition was held in Shanghai. At the event, Trina ...



### [China Containerized Hydrogen Production Equipment Manufacturers](#)

Dec 1, 2025 · SUQING is one of the most professional containerized hydrogen production equipment manufacturers and suppliers in China. If you're going to wholesale customized ...

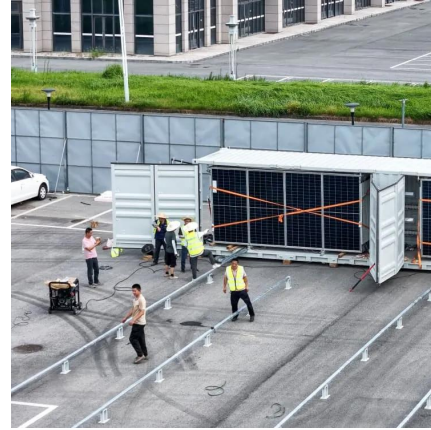


### [Containerized Hydrogen Production/Refueling](#)

Dec 2, 2025 · SHEP(TM) (Scalable Hydrogen Energy Platform) is a fully containerized hydrogen production and refueling system. Designed for modular deployment and powered



by ...



### [5MW Standard Container Design: Trina Hydrogen's Innovative Hydrogen](#)

Jun 11, 2025 · During this event, Trina Green Hydrogen released three types of green hydrogen equipment to the global audience, showcasing the company's value-creation capabilities in the ...



### [Hydrogen production equipment in containers - XAMANO ...](#)

The containerized hydrogen production set are convenient for installation, and the on-site installation workload is small. With highly integration, the equipment components are installed ...



### [5MW Standard Container Design: Trina Hydrogen Innovative Hydrogen](#)

Jun 17, 2025 · 5MW Standard Container Design: Trina Hydrogen Innovative Hydrogen Equipment Supports Global Energy Transition SHANGHAI, June 11, 2025 /PRNewswire/ -- On June 11, ...





## Green Hydrogen Production Equipment

2 days ago · At present, the principal business scope of the Company covers large-scale hydrogen production equipment by alkaline water electrolysis and green hydrogen production ...



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