

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 1000NM³/h AWE electrolysis stack and BOP system.

Why did shuangliang group introduce the world's largest 5000 Nm³/h electrolyzer?

Shuangliang Group introduced the world's largest 5000Nm³/h alkaline water electrolyzer, setting new standards for efficiency in hydrogen production. The release occurred during Shuangliang's first innovation conference, which also saw the establishment of partnerships and innovation consortia aimed at advancing clean energy technologies.

Will shuangliang's new electrolyzer reshape industrial applications?

In conclusion, the new electrolyzer from Shuangliang Group represents a progressive leap in hydrogen production technology, promising to reshape industrial applications and promote sustainability initiatives globally.

What is shuangliang 5000 Nm³/h alkaline water electrolyzer?

The new 5000Nm³/h alkaline water electrolyzer introduced by Shuangliang boasts high performance, quality, and electrical density with a wide operational range, making it the largest of its kind in terms of hydrogen output and efficiency.

How much energy does a shuangliang electrolyzer use?

Jiang Rongfang, Vice Chairman of the Board of Directors of Shuangliang Group, highlighted its impressive specifications: at a maximum current density of 10600A/m², the electrolyzer operates with an energy consumption of only 4.7 kW·h/Nm³; H₂. Even at a lower current density of 3000 A/m², it achieves an energy consumption of 3.875 kW·h/Nm³; H₂.

They support the production of green hydrogen, which can be used in various applications, including fuel cells, industrial processes, and energy storage, contributing to China's ...

This partnership will fully leverage Shuangliang Group's technological strengths in thermal management and integrated solar, storage, and hydrogen solutions, along with ...

On December 30, 2024, Shuangliang Hydrogen, a subsidiary of the Chinese integrated energy systems conglomerate Shuangliang Group (SLG), has announced that it has ...

According to the agreement, Shuangliang New Energy will provide the project with a green electricity hydrogen production system, including industry-leading alkaline ...

The strategic cooperation between Yitai Group, Shuangliang Eco-Energy, and Yipai Hydrogen Energy will undoubtedly become an important layout for the commercial ...

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China's Sineng Electric and Shuangliang Group have teamed up to accelerate innovation across the solar, storage, and hydrogen... Please Register or Sign in to view this ...