



Sungrow electrolysis

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This will only take a second!

During the Smart Energy Week 2024 H₂ & FC EXPO hosted in Tokyo Big Sight International Exhibition Center on 28th Feb, Sungrow Hydrogen has received extensive attention and praise with the world debut of its 300Nm³/h PEM water electrolyzer and the grand release of the flexible hydrogen production solution.

The newly released 300Nm³/h PEM water electrolyzer from Sungrow Hydrogen not only breaks through the record of hourly hydrogen yield per PEM stack in the Chinese domestic market but also catches up with the international advanced level in a number of key indicators.

The operation pressure has reached up to 3.5MPa with the adaptation of Sungrow Hydrogen's patented sailing structure, the original creation of the integrated structure and multi-functional flow channel design make the rated DC power consumption less than 4.15kWh/Nm³ H₂, the wide regulation range from 5% to 110%, and load regulation rate 10%/s shows significant advantages in scenarios that require higher dynamic performance adjustment. Furthermore, multi-gradient coating structures with better corrosion resistance have enhanced the designed lifetime of the product.

Press release <https://shorturl.at/cAI34>

Our mission is to deliver engaging and independent business journalism and insight to executives and leaders in the global clean hydrogen industry. We focus on delivering the news and analysis that matters, fearlessly looking beyond the hydrogen hype to provide a balanced view of the market, giving readers the knowledge they need to make critical business decisions.

Hydrogen Insight is part of DN Media Group. To read more about DN Media Group, [click here](#).

To decarbonize the hydrogen used in its European refineries by 2030, TotalEnergies has selected Air Liquide to produce renewable hydrogen

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300Nm³/h PEM water electrolyzer debuts worldwide

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