



# Is farasis energy a new energy storage company

What is farasis energy?

Farasis Energy has developed high-performance battery system solutions specifically designed for electric motorcycles, addressing the need for efficient, lightweight, and powerful batteries in this sector. Additionally, their novel portable power stations showcase their commitment to versatility.

What is farasis energy SPS?

The Farasis Energy SPS system offers an impressive energy density exceeding 220Wh/kg. SPS optimizes charging efficiency, reduces costs, enhances performance, and adapts to various EV models. In the electric vehicle (EV, PHEV, HEV) landscape, power batteries play a pivotal role.

How much power will farasis energy produce in 2031?

With a capacity of 3 GWh/a, battery modules and packs based on Farasis Energy's high-performance lithium-ion technology will be produced. Annual capacity of the production facility will increase to 20 GWh/aby 2031.

Does farasis energy offer rapid charging & discharging capabilities?

**Rapid Charging and Discharging Capabilities:** With Farasis Energy's 800VTC (Turbo Charge) technology, SPS supports charging and discharging rates from 2C to 6C and above. This feature allows various EV models to achieve rapid charging, offering up to 400km of range in just 10 minutes, while also maintaining high efficiency during energy release.

How many people work at Siro & farasis?

The new plant, which was built in around 1.5 years, officially started mass production on March 31st, 2023, covers an area of 26,000 m<sup>2</sup>; and employs more than 300 people. "The opening of Siro's production site highlights this successful partnership," explains Dr. Keith Kepler, Vice Chairman of Siro and Co-founder of Farasis. Dr.

Farasis Energy is a developer and producer of high-performance lithium-ion battery technology and pouch cells for electric mobility and other power storage applications. Founded in California in 2002, the company now operates research and development centers in China, Germany, and the USA.

A new battery plant is also being built in Gemlik (Turkey) with the establishment of the Siro joint venture between Turkish electric car manufacturer Togg and Farasis Energy. Siro, our joint venture partner, will develop the energy storage solutions for Farasis Energy Europe in the future and has started production on March 31st.

Farasis Energy manufactures lithium-ion battery systems for energy storage, applicable in various sectors



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including transportation and renewable energy storage. Electric Vehicles Battery Solutions Provides lithium-ion batteries designed for use in electric vehicles, offering solutions for cars, motorcycles, and commercial transport.

Both companies will jointly contribute to global green commuting and sustainable development. About Farasis Energy Farasis Energy is a leading developer and manufacturer of high-performance lithium-ion battery technology and pouch cells for electric mobility and other sustainable power storage solutions.

As a global leader in new energy innovative technologies, Farasis Energy has achieved a comprehensive improvement in range, fast charging, safety, lifespan and low temperature performance. The Hyper GT is built on new generation pure electric platform, which has been upgraded to support 800V quick charging technology.

A new battery plant is also being built in Gemlik (Turkey) with the establishment of the Siro joint venture between Turkish electric car manufacturer Togg and Farasis Energy. With more than twenty years of experience in research and development and with over 150 patents, Farasis Energy is shaping the future of electric mobility as a pioneer.

Thomas Schnepf assumes the new position of Head of Business Development at Farasis Energy Europe as of June 1 st. With him, the company brings an experienced management and sales expert on board. With him, the company brings an experienced management and sales expert on board.

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