

## Solar Energy South Africa

# Farasis energy France

**LFP 12V100**



## Overview

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Who is farasis Energy Europe?

For Farasis Energy, Europe is a growth market of great strategic importance. Consequently, the expert for battery technology founded Farasis Energy Europe GmbH based in Frickenhausen near Stuttgart in 2019.

Where is Farasis Energy based?

Farasis Energy is based in Frickenhausen near Stuttgart, Germany (Farasis Energy Europe GmbH). The partnership with Daimler dates back to 2019, and since 2020, Stuttgart-based automotive group Daimler has held a 3 per cent stake in the listed battery manufacturer.

When will farasis Energy Europe start production?

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. With a capacity of 3 GWh/a, battery modules and packs based on Farasis Energy's high-performance lithium-ion technology will be produced.

What is the capacity of farasis energy's battery factory?

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/a by 2031. In addition, the foundation stone ceremony for Siro's cell factory took place on April 24th in Gemlik, Turkey.

What does farasis do?

In addition, Farasis is a member of the RCI (Responsible Cobalt Initiative) and focuses on the implementation of the IRMA standard for lithium and cobalt mines. The recycling of batteries in China is carried out in partnership with specialized companies, corresponding cooperations in Europe are currently being set up.

Where is farasis battery made?

In 2016, Farasis supplied the first cells for the operation of cars. The battery manufacturer has an annual production capacity of 21 GWh (as of 2020), employs more than 4,000 people worldwide and operates research and development centers in China, Germany and the USA as well as two production facilities in Ganzhou and Zhenjiang (China).

## Farasis energy France

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### Lithium battery parameters

Product capacity: 100Ah

Product size: 135\*197\*35mm

Product weight: 1.82kg

Product voltage: 3.2V

internal resistance: within 0.5



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March 1st, Farasis Energy and FAW Jiefang Automobile Co., Ltd., a leading commercial vehicle manufacturer, held a signing ceremony in Changchun, Jilin Province (China) to cooperate on commercial vehicle applications. Ji Yizhi, member of the Party Committee and Deputy General Manager of FAW Jiefang, Pei Guoquan, General Manager and Secretary

## SUSTAINABILITY

Farasis Energy is committed to sustainable growth and continual development of green technology. Responsible Sourcing. We strictly select suppliers with the same sustainable development concept to build up partnership and continue to develop those had same value to become long-term partners in the future.



## About us

**Farasis Energy Milestones** Farasis Energy successfully grew into one of the leading global lithium-ion pouch cell suppliers. We endeavor to rapidly expand our global production capacities and footprint. 2002. Farasis Energy (USA) established in Silicon Valley, California. 2009.

## Product Overview

13. Farasis Battery Pack + 51.2 kWh + > 2,500 cycles + 264 - 403.2 Vdc (96s2p) + 1990 x 1440 x 144 mm + NCM/Gr + ~ 520 kg + ~ 98,5 Wh/kg

+ ~ 190 Wh/l + Liquid cooling and heating Our battery pack impresses with flat design for low profile underfloor



## Über uns

Siro wird künftig die Energiespeicherlösungen für Farasis Energy Europe entwickeln. Historie. Farasis Energy: Meilensteine Farasis Energy hat sich erfolgreich zu einem der weltweit führenden Anbieter von Lithium-Ionen-Pouchzellen entwickelt. Unser Ziel ist es, unsere globalen Produktionskapazitäten und unsere Präsenz ständig zu erweitern.

## Smart Energy Storage

Considering intermittency of photovoltaic and wind power requires energy storage solutions. Li-ion battery as one of most effective solutions promotes the renewable energy development. That is smaller in size, longer in life, and faster in response to smooth the power output and to promote the development of renewable energy



 LFP 48V 100Ah



## Farasis Energy@Batteries Event in Lyon, France

Farasis Energy@Batteries Event in Lyon, France. He'll talk about gigafactories - another application for system engineering. Further information will follow. More information regarding the Batteries Event can be found here.

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## Zellen

Farasis Energy bietet Standardzellen mit Laschen auf einer Seite sowie mit Laschen auf den gegenüberliegenden Seiten an. Für höhere Stückzahlen bieten wir auf Anfrage auch kundenspezifische Zellen an. Wir bedienen High-End-Märkte mit branchenführender Technologie, die große Reichweiten und schnelles Aufladen ermöglicht, indem wir



## [Farasis Energy Earns Solid-State Top-10](#)

5 ???· Farasis Energy (688567.SH), a global specialist in the research, development, production, and sales of EV battery systems and energy storage solutions, consistently appears among the top three in pouch cell battery installation capacity worldwide. Its commitment to innovative, sustainable energy applications ensures that Farasis Energy remains

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## Solutions

Farasis Energy's solution portfolio offers a wide range of tailor-made and off-the-shelf products as well as numerous services to make your batteries even better. Our products are made in world class manufacturing (WCM) factories with a focus on sustainability and performance. We also

take care of end of life management and therefore provide



## Farasis Energy is listed on the Science and Technology Innovation ...

On the morning of July 17, Farasis Energy (Ganzhou) Co., Ltd. (hereinafter referred to as "Farasis Energy") is listed on the Science and Technology Innovation Board of the Shanghai Stock Exchange (stock code: 688567SH), becoming the first stock of Li-ion power battery for new energy vehicles on the Science and Technology Innovation Board and the first stock of pouch ...



## Batteries : le chinois Farasis Energy va construire une ...

Le groupe Farasis Energy a réussi à lever plus de 1 milliard de dollars dans le cadre d'un nouveau tour de table. Des fonds qui serviront à financer les plans d'expansion de l'entreprise, notamment l'installation d'une ...

## Milestones

Farasis Energy established in Silicon Valley, California. 2020. Launched the mass production in Zhenjiang Listed on the Shanghai Stock Exchange (688567.SH) 2018. Starting the strategic cooperation with Daimler Major

investment from CRHC, accelerating Farasis Energy's growth. 2016.



## Farasis Energy Europe GmbH, Frickenhausen, Germany

Farasis Energy Europe GmbH, Frickenhausen, Germany, District Court of Stuttgart HRB 767956: Earnings, Public funding, Revenue, Employees, Network, Financial information. 1 May 2022 in France Registration: 01/05/2022 · Address · Legal form: Société étrangère non immatriculée au RCS · Name: FARASIS ENERGY EUROPE GMBH · Segment

### Start of production

Farasis Energy and Togg: Joint venture Siro starts battery module and pack production in Turkey. Frickenhausen near Stuttgart, April 20, 2023 - Siro, a joint venture between Farasis Energy and Turkish global mobility technology brand Togg, has started production at the new Gemlik site in Turkey on March 31 st. With a capacity of 3 GWh/a, battery modules and ...



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???? Farasis Energy. ??????????????,????????????????????  
 ??????????????????,??"GLocal"  
 (Global + Local)??,??????????????????



## Contact

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Passenger vehicles



## Farasis Energy Named a Top-10 Brand in China's 2024 Solid-State ...

4 ???· Key Milestones in Farasis Energy's Solid-State Battery Development: 1 rst-gen semi-solid-state battery: Features an energy density of 280-300 Wh/kg, supports fast charging at 2C, and offers a

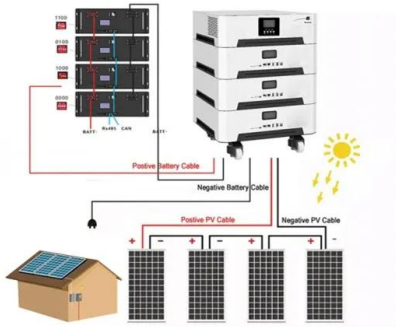
## Electric Trucks

Farasis Energy is committed to providing trucks with cost-effective battery solutions and accelerating the electrification of logistics industry to reduce costs and increase efficiency. Safety and stability. We provide battery systems with safety protection design for high-frequency trucks. We create the thermal runaway control technology to

### GRADE A BATTERY

LiFepo4 battery will not burn when overchargedover discharged, overcurrent or short circuitand canwithstand high temperatures without decomposition.





## About us

Over the past two decades, Farasis Energy has pioneered innovation in the evolving field of electrification. We continually invest in the research and development of clean energy solutions for a wide range of applications, including transportation, energy storage, heavy machinery, etc.

## Kontakt

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 Lösungen; Personenfahrzeuge; Nutzfahrzeuge;  
 Industriemaschinen;



## Passenger vehicles

Cars . Electric car batteries by Farasis Energy offer high energy density and high performance to ensure long range and fast charging. Together with a long lifecycle, our batteries are state-of-the-art technology and put Farasis Energy among the top 3 suppliers when it comes to the global consumption of lithium-ion pouch batteries.

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.ian-solar.co.za>