

CASE STUDY

FARASIS ENERGY, ZHENJIANG: BECAUSE IT'S ABOUT SUSTAINABILITY

Datwyler is supporting Farasis Energy in setting up a new production site in Zhenjiang.

There is a growing consensus in Chinese society about concepts such as sustainable development and living. For this reason the demand for clean, green energy in the People's Republic is currently growing rapidly.

As one of the leading lithium-ion battery manufacturers, Farasis Energy's mission is to "provide green energy and build an intelligent world". Since it was founded the company has focused on the research, development, production and sale of these ternary lithium batteries. They are mainly used in electrically operated passenger and special vehicles as well as in motorcycles.

In terms of installed capacity, Farasis Energy has held the number one spot in China for four consecutive years.

Network products and services

In order to be able to offer more and better "clean energy" products and services, Farasis Energy has expanded its production base with a location in Zhenjiang. Since the beginning of 2022 Datwyler has been supporting the company as a top supplier of the required IT infrastructure with a wide range of products and services.



Backbone cabling

The communication network of Farasis Energy Zhenjiang Co., Ltd. includes over 10,000 data connection points. More than half of these are shielded category 6A ports. Double-shielded cat. 6A data cables from Datwyler are used here. A singlemode cable, also from Datwyler, was chosen for the backbone cabling. More than 60 kilometres of this cable were installed.

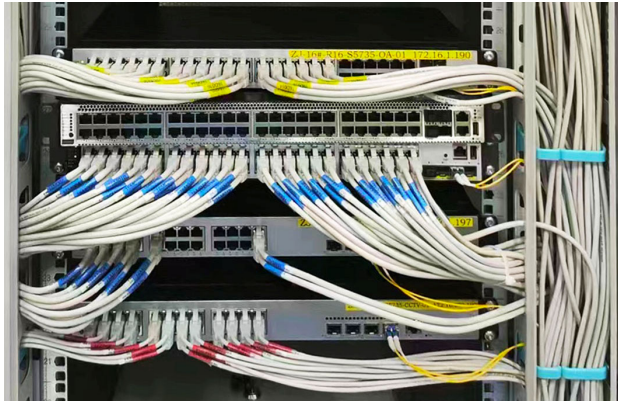
Sustainable data centre solution

In order to provide a stable operating environment for IT, several Datwyler Mini Data Centres were installed at the Zhenjiang site. This decision was based on the general requirement of large, sustainability-conscious companies for green energy, high efficiency, low consumption and low CO₂ emissions.

In addition, the mini data centre solution enables the intelligent management of the distributed IT devices.

Everything completed on time

Despite the restrictions imposed by the COVID-19 pandemic, the installation of the data centre solution, in-



cluding testing and commissioning, was completed on time – and in just five days. This is an impressive example of Datwyler’s product performance and ability to deliver.

Farasis Energy expressed their satisfaction with the collaboration. With this project Datwyler has created a solid basis for future cooperation in the construction of further production sites.

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