

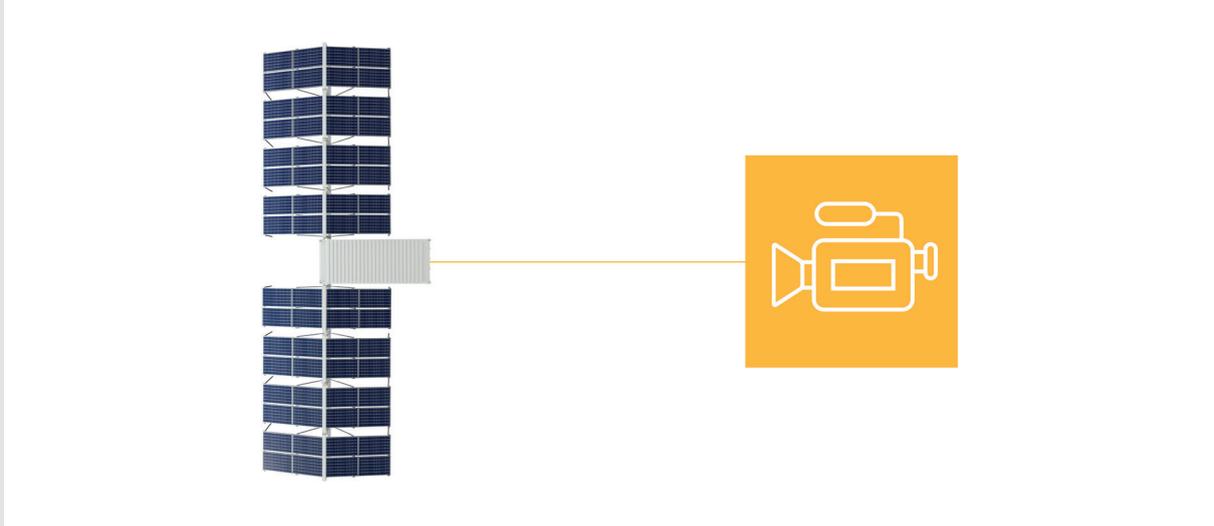


# Mobile Power Supply for Events



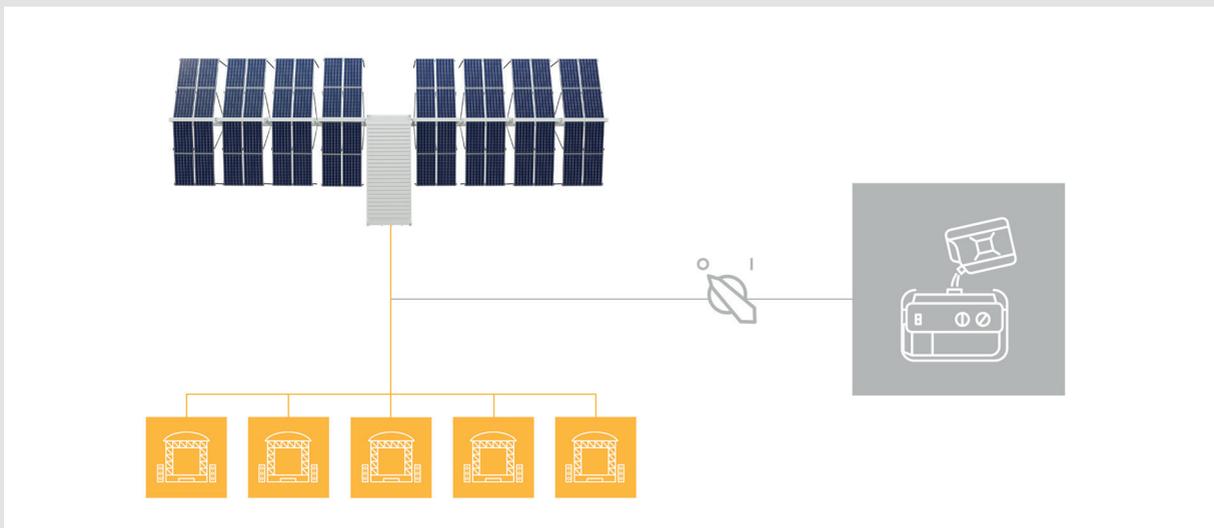
# From stand-alone operation to grid integration

With the Mobile Power System from FABER Infrastructure, event organisers can supply even the most remote locations quickly and reliably with environmentally friendly solar energy.



## Establishing the basic supply via island operation

During the day, consumers are preferably supplied with renewable energy. Surplus solar power is temporarily stored in the battery storage and made available at a later time – for example, at night.



## Expanding existing supply structures

The solar containers can be flexibly integrated into existing grid infrastructures. During the day, the solar power supplies the consumers directly. At night, the battery storage covers especially low load requirements, which actively counteracts operating diesel generators at low RPMs.

## Ensuring a reliable power supply in off-grid regions

The Mobile Power System from FABER Infrastructure is a container-based power supply system that combines solar modules, lithium-ion battery storage and an emergency power generator as a 24/7 backup. The system is regulated by a powerful control unit to form an intelligent overall solution.



### Compact all-in-one container

All components are stowed in a highly compact container system for easy transport.



### Convenient plug & play design

The solar wings can be folded out and put into operation quickly and easily.



### **Minimum maintenance required**

The high-quality components – made in Germany – are extremely robust and accessible at all times. The integrated control system guarantees reliable and comfortable plant operation.

## **Technical Data**

- 20' container system
- 24 kWp generation
- 30 kW connected load (230/380 V)/scalable
- Lithium-ion storage/80 kWh/scalable
- 24/7 emergency power unit for maximum self-sufficiency
- Certified by TÜV
- Network-based system connection
- Energy controlling & technical support via remote access

# For successful events with great publicity

The solar container from FABER is a reliable, space-saving and economical solution that guarantees positive publicity.



- **Sustainable**

With the attractive solar wings you create a lasting impression, set an example in terms of sustainability and actively contribute to the energy transition.

- **Space-savings**

From truck to festival, the compact container system requires very little space along the entire logistics chain. This means it can be transported and put into operation quickly and easily.

- **Secure**

Thanks to the high-quality components and the powerful system control, a reliable power supply and smooth operation are guaranteed at all times.

- **Economical**

The system pays for itself quickly because you can significantly reduce the effort and costs needed for fuel procurement. In addition, the plug & play design saves time and costs for transport and assembly.

# Innovative solutions for the energy and transport transition

FABER Infrastructure GmbH is an independent subsidiary of the leading European cable distributor Klaus Faber AG. For more than 70 years, this name has stood for energy know-how, financial strength, excellent customer service and outstanding product quality.

Since its foundation in 2018, FABER Infrastructure has concentrated on the business areas of energy and mobility. From its headquarters in Saarbrücken, the company designs future-oriented products and solutions for the international market. In doing so, FABER relies on integrated concepts that sustainably protect the environment.



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