



SOLAR CONTAINER

an exceptional solution

Wide-Ranging Use Cases

Regardless of whether it is a limited energy supply, a lack of a foundation, strict time management or limited liquidity -our Solarcontainer always offers the right solution:



Construction sites and industrial areas

Additional source of power for large and small construction sites



Remote charging stations

Powering temporary off-grid charging stations



Agriculture and water management

Additional solar power supply for self-consumption to support existing generators



Events and happenings

Venues without a grid connection or to cover large peak loads



Energy companies

Support weak public network in time of increased energy consumption



Emergency areas

Provision of off-grid remote areas



Communities and refugee villages

Solar power supply for self-consumption with excess feed-in into the local grid



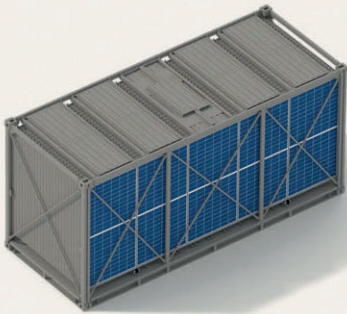
Mining and military application

Island power plant for grid-independent solar power supply in combination with energy storage

Mobile structure

The Solarcontainer has the measurements of a 20-foot "high-cube" container according to ISO 668 with CSC

The base of the Solarcontainer is a solid floor frame with the length and width of a 20f HC container. Mounted on this frame is the innovative PV rail system and the clever folding mechanism of the solar panels, which enable the transport dimensions and lifting points of a standard 20f high cube container, but still contain a maximum of highly efficient solar panels.



6.0m length



2.4m width



2.9m height



<20t weight



Cargo ship vessel



Cargo trains



Cargo Trucks

Easy Assembly & Fast Retraction



Double-sided unfolding:

Compact and secure in folded state

Folded Solarcontainer is compact and easy to transport, off-load and unload.

The whole container structure is removed

By removing all components, it is possible to position the system flat on the ground. Without any remaining shadow caused by construction parts.

Ideal position when open

The panels lie flat on the ground. This ensures maximum energy generation.






Folding:

Quick folding of the panels

The system ensures quick folding of the solar panels to make it compatible for any weather situation.

Back in transport position

The system is back in its original state and ready for transport.

 120_m Unfolded panels length	 240 Number of PV modules	 720_m² Surface area coverage	 5_h Up to 5 hours of assembly time	 140_{kWp} Up to power generating capability
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Durable and sustainable plug-and-play solution

Questions & Answers

Quality made in Austria!

For SolarCont more than just a pure marketing statement!

Is a vehicle required to fold and unfold the solar container?

No. The folding and unfolding of the module fields works electrically via an automatic conveyor system.

Is an inverter already integrated and wired?

The inverter and all other electrical components are delivered, installed and commissioned with the solar container.

How many people are needed for the initial installation of the solar container until commissioning?

At least 3-4 installers and 1 crane operator are needed to put the solar container into operation within one day.

How many households can one solar container supply with electricity?

Based on an average power consumption of a 4-person household of 4000 kWh per year and a location in Southern Germany, the solar container can supply approx. 32 households with climate-friendly electricity. At a location in Southern Europe it can even be up to 50 households due to the high solar radiation.

Is a foundation necessary for the solar container?

Due to its robust construction and its own weight, the solar container already offers sufficient protection against lifting or shifting without a foundation. For higher wind loads, ballast stones can easily be placed on the rail system as needed. To secure against very high wind loads, we recommend fixing the solar container on concrete foundations.

The company SolarCont GmbH; founded in 2022



SolarCont GmbH was created through a cooperation between the two successful companies Hilber Solar GmbH from beautiful Tyrol and the company Gföllner Fahrzeugbau und Containertechnik GmbH, which is deeply rooted in Upper Austria.

This cooperation makes it possible to develop a completely new type of mobile solar system.

Simplified Lease & Insurance

Well insured:

In cooperation with Allianz, we offer a maintenance contract as a guarantee of functionality and loss of earnings. This option offers comprehensive protection and reduced risk even when using the Solarcontainer outside of a controlled environment.

The Solarcontainer can also be purchased using an inexpensive leasing model.

With Hilber Solar GmbH, the cross-generational and outstanding know-how flows into SolarCont GmbH as a guarantee for a perfectly coordinated and highly efficient photovoltaic system. Due to the many years of experience of the company Gföllner Fahrzeugbau und Containertechnik GmbH in the field of mobile room solutions for the development of an innovative and modular container module, a compact design could be designed despite the high number of PV panels. This in turn enables easy transport and quick commissioning.

Both companies rely on the latest technology, the most advanced production sites, a motivated and dynamic team and sustainable management.



Ready to order?
Feel free to contact us now!

SOLAR
CONTAINER

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