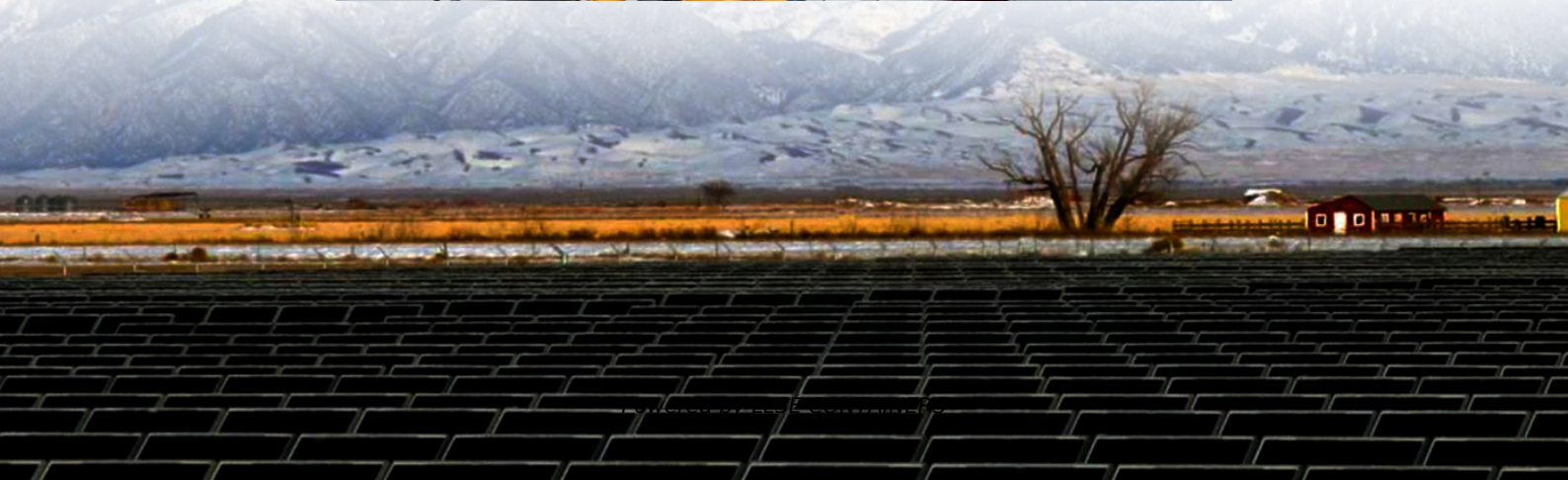


Bern containerized grid-connected solar inverter manufacturer





Overview

What is a containerized solar microgrid?

SWT's containerized solar microgrids offer a clean, dependable, and cost-effective solution to the telecom sector. For agricultural operations to run efficiently and affordably, energy is a must. The demand for energy resilience in agribusiness is greater than ever as grid interruptions become the new norm.

How does a grid tied inverter work?

Grid-tied inverters or grid inverters feed power into the electrical grid by corresponding phase and frequency. These inverters deliver power directly from the solar panels when solar energy is available and shut down automatically if there is a loss of supply from the utility. 1.3. Hybrid Inverter.

What is a hybrid solar inverter?

Hybrid inverters help store surplus solar energy in a battery system for self-use. A hybrid inverter can provide a small amount of backup power during a power outage and also act as a standard solar PV inverter by exporting excess solar energy to the utility grid. 1.4. Micro-Inverter A single micro-inverter works with each solar panel.

Who makes solar PV inverters?

Other major players in the solar PV inverter industry include Fronius (Austria) and Schneider Electric SE (France), as well as Enphase Energy, Morningstar Corporation, and Tesla (all three companies from the United States). Fronius inverters are suitable for varied customer requirements—from a family home to a large-scale system.



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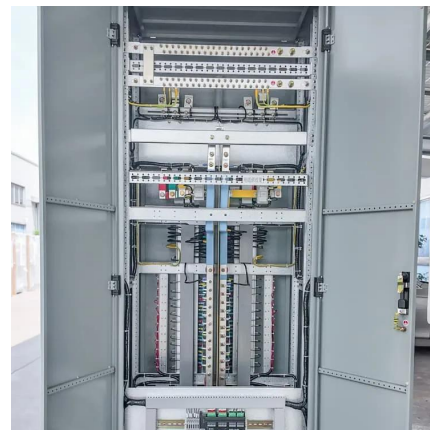


Photovoltaic Container

The integrated containerized photovoltaic inverter station centralizes the key equipment required for grid-connected solar power systems -- including AC/DC distribution, inverters, monitoring, ...

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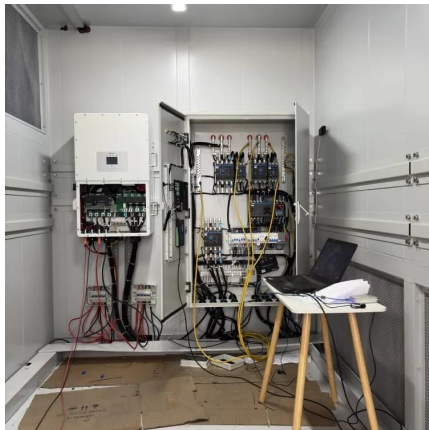
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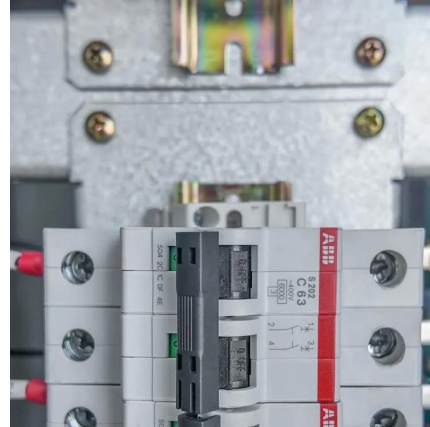
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Intech Energy Container

The Intech Energy Container -- or ECON -- is a modular, pre-configured off-grid power solution. It combines solar PV, battery storage, inverters, and energy management in a rugged container.

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