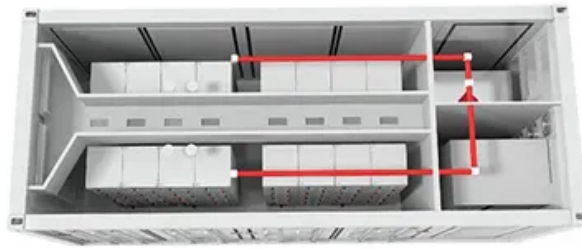


EQACC SOLAR

Solar container battery energy storage project in Türkiye



Overview

According to Embassy of the Republic of Turkey, Turkey has introduced a number of incentives and regulations to achieve its goal of 80 gigawatt-hours (GWh) of energy storage by 2030, while agreements for the energy sector to set up cell and battery factories have exceeded \$1 billion (TL 35 billion) this year, an association head of the Turkish battery industry said on Dec. 23, 2024, according to the Turkish Embassy in Beijing. Does Türkiye have a solar power plant?

The facilitation of self-consumption-focused power plant installations in Türkiye has accelerated annual new installations, pushing solar energy capacity beyond the current 2025 target. Türkiye's solar energy capacity doubled from 9.7 GW in July 2022 to exceed 19 GW by the end of 2024.

Can Türkiye achieve a more ambitious growth trajectory in battery storage?

The scale of storage-integrated solar capacity alone demonstrates Türkiye's potential to achieve a far more ambitious growth trajectory in battery storage, paving the way for stronger integration of renewable energy into the grid.

How big is Türkiye's energy storage capacity?

Türkiye's 35 GWh storage capacity accounts for grid-scale projects alone. Global energy storage investments have surpassed 150 GWh. Türkiye has already begun installations in Hungary, Bulgaria, and Spain, leveraging its geographic advantage close to Europe.

Are storage-integrated power plants possible in Türkiye?

While no grid-scale storage-integrated power plants are operational in Türkiye yet, the country has a robust pipeline of approximately 33 GW of storage-integrated wind and solar projects with pre-licensing periods extending until 2030. This strong investor interest highlights the potential of storage-integrated power plants.

Solar container battery energy storage project in Türkiye



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Battery energy storage system (BESS) equipment at the factory of Turkish system integrator Inovat. Image: Inovat. The national regulator in Turkey has begun awarding pre ...



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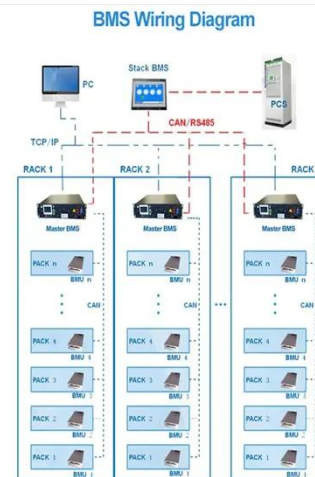
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Inovat battery storage enclosure at the



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