

SolarMax Energy Systems

Türkiye Industrial Energy Storage Subsidy



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. Where does Türkiye invest in energy storage?

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. Tokcan highlighted the importance of local expertise in manufacturing, system management, and maintenance to avoid dependency on foreign firms.

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.

What is the target for battery storage in Türkiye?

The target for battery storage is 7.5 GW. With these and other clean energy measures, the government is boosting energy security as an integral part of efforts to decarbonize Türkiye's economy by 2053. The program is innovative for its use of country systems and for building a platform to diversify private financing.

How will Türkiye improve energy security?

The government aims to significantly scale-up solar energy to 52.9 gigawatts (GW) by 2035 from 9.5 GW in 2022. The target for battery storage is 7.5 GW. With these and other clean energy measures, the government is boosting energy security as an integral part of efforts to decarbonize Türkiye's

economy by 2053.

Can Türkiye become a regional hub for battery technology?

“We believe Türkiye can become a regional hub for battery technology, and our government is committed to making this a reality,” Tokcan said. These efforts will position Türkiye as a leader in energy storage innovation, fostering collaboration and supporting renewable energy goals.

Should energy storage regulations be finalized?

Energy Storage Industries Association (EDEDER) President Can Tokcan noted during a press briefing that finalizing regulations is crucial to accelerating investments. “The draft regulation for energy storage has been published, but the final version needs to be issued urgently.

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Türkiye's Battery Sector Investments Surpass \$1 Billion in 2024

Investments by Türkiye's battery sector this year totaled more than \$1 billion with incentives and regulations to reach an 80-gigawatt-hour storage target by 2030.

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ESS



Türkiye to invest \$10B in energy storage to boost wind and solar energy

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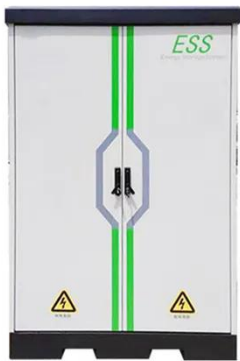
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Investments by Türkiye's battery sector this year totaled more than \$1 billion with incentives and regulations to reach



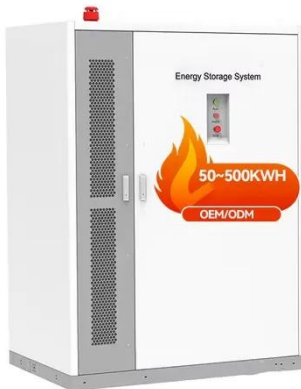
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Energy consumption by source, Turkey
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Türkiye's rooftop solar potential is over 120 GW, ten times its current installed solar capacity and enough to meet 45% of electricity consumption.

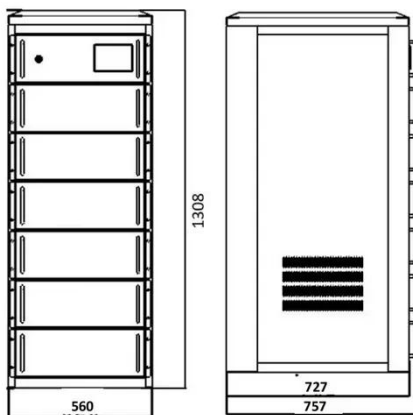
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The Energy Storage Market in Türkiye: An Overview and

The energy storage market in Türkiye will witness significant transformations between 2023 and 2027, primarily

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Turkey's energy storage legislation creating new opportunities

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