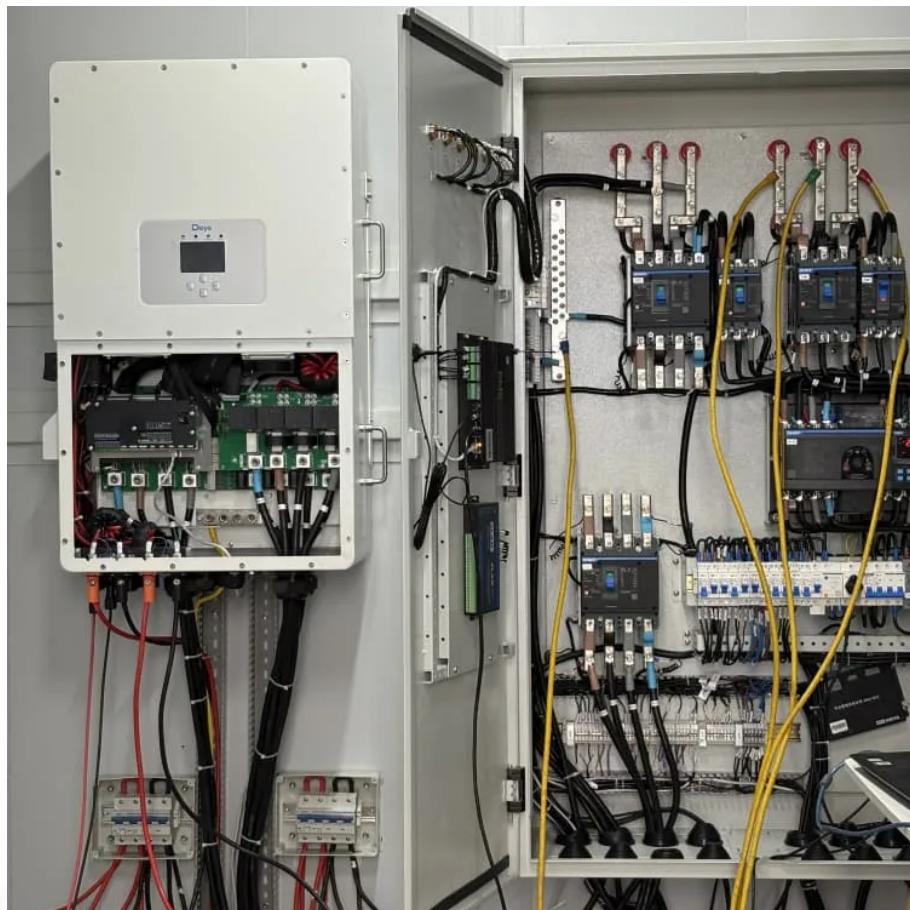




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# European and American solar Energy Storage





## Overview

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Is energy storage a problem in Europe?

The data show that the capacity of new installations remains lower than in previous years, and the current demand for energy storage in Europe is still uncertain. Europe continues to consume its residential storage inventory, which is expected to return to normal levels by the end of Q2 or Q3 2024.

How many energy storage systems are there in the US?

As of the end of April 2024, the U.S. had deployed a total of 32.95 GW of energy storage systems (ESS). Of this total capacity, installations with more than 50% capacity utilization accounted for 17.9%, up from 8.5% in September 2023, showing a notable increase to 9.4%.

How much energy storage capacity did the US add in 2024?

From January to April 2024, the U.S. added 1759.3 MW/3089.1 MWh of energy storage capacity, representing a year-on-year increase of 186.3% in power capacity and 830.5% in energy capacity. The U.S. added new storage capacity Planned Energy Storage Installations in the U.S.

How has demand for residential storage deteriorated in Europe?

In Europe, demand for residential storage has weakened as the region continues to deplete its inventory. For example, the German market is experiencing a negative growth trend in new residential storage installations. From January to April 2024, new residential storage installations declined year-on-year, with a specific decline noted in April.



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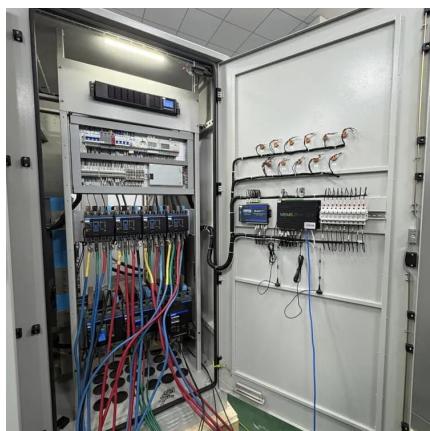
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