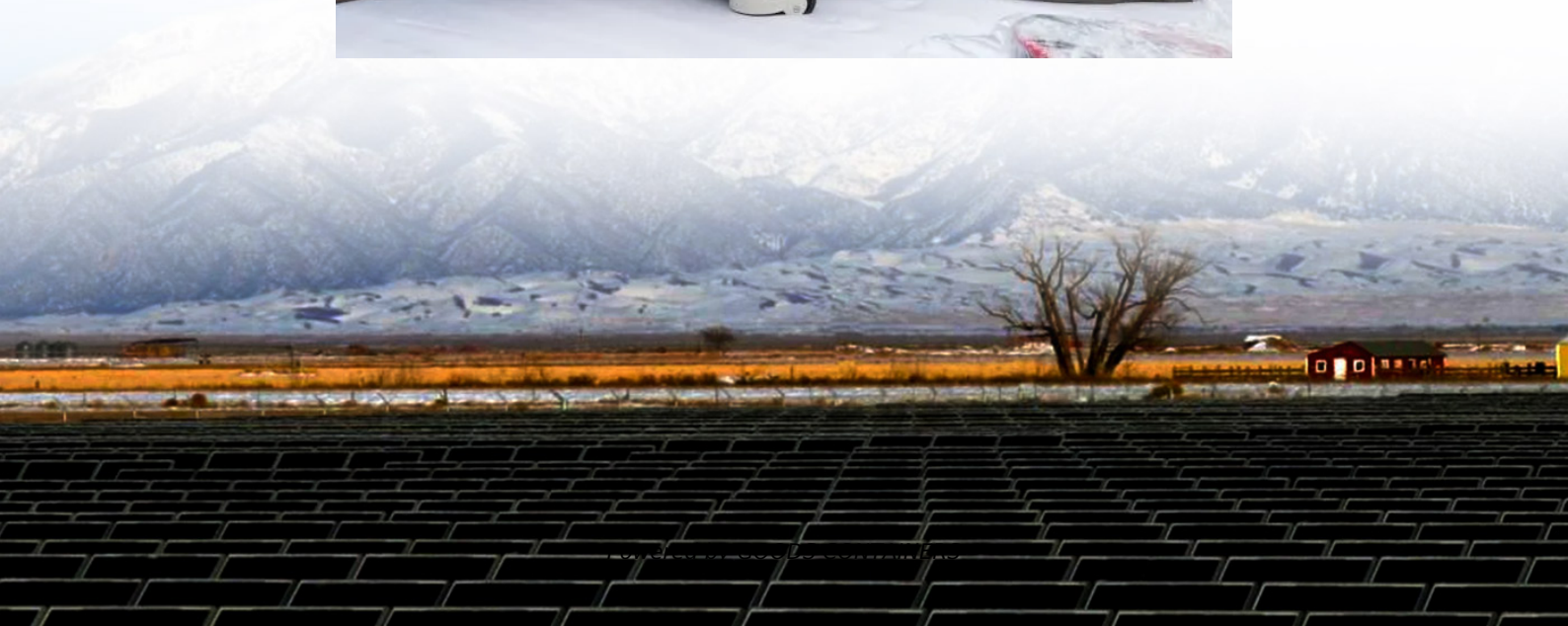


Global solar cell module production capacity





Overview

What is the global production capacity of solar modules?

According to the STEPS scenario, global solar module production capacity will reach 1,546 GW by 2035, while under the APS scenario, capacity will increase to 1,695 GW. In 2023, global production capacity is 1,115 GW.

What is the global solar PV manufacturing capacity?

Home Insights Global Solar PV Manufacturing Capacity Projected to Hit 1,100 GW by 2024. Representational image. Credit: Canva.

What is the global solar cell and module manufacturing industry's utilization rate?

The global solar cell and module manufacturing industry is currently operating at a utilization rate of approximately 50%, according to the IEA's Advancing Clean Technology Manufacturing report. It said that global investments in new solar factories amounted to \$80 billion in 2023 alone, which is two times more than in 2022.

Where are solar cells manufactured?

The International Energy Agency (IEA) says that global solar cell and module manufacturing capacity grew by around 550 GW in 2023. It reports that around 80% of the global PV manufacturing industry is currently concentrated in China, while India and the United States each hold a 5% share. Europe accounts for a mere 1%.



Global solar cell module production capacity



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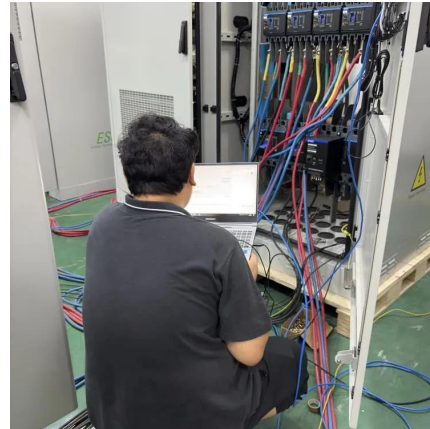


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