

## **SolarInnovate Energy Solutions**

# **North American Solar Systems**









#### **Overview**

What is the sinovoltaics supply chain map - North America for Q2 2024?

June 1, 2024 The Sinovoltaics Supply Chain Map (SSCM) - North America for Q2 2024 includes several notable changes for the US solar market since our Q1 report, emphasizing the importance of supply chain traceability. Several new solar panel manufacturers and related PV factories have been added.

What is the forecast for North America solar PV market?

North America Solar PV Market was valued at USD 29.3 billion in 2023 and is anticipated to grow at a CAGR of 6.2% from 2024 to 2032. Increasing efforts by corporations, utilities, and consumers towards sustainability and carbon reduction goals along with surge in solar PV installations will drive the market outlook.

Who makes solar panels?

1. Solar 4 America Solar 4 America is a Sacramento, CA-based premium solar panel manufacturer. In 2023, they nearly doubled their manufacturing capacity from 700MW to 1.3 GW by upgrading their 140,000 sq/ft solar module manufacturing facility.

How much solar capacity does America have?

Cumulatively, American solar capacity has crossed the 100 GW mark. By the end of Q3, the total number was already registered as high as 113.5 GW (SEIA, 2021). The portfolios listed in this overview account for a combined 61.2 GW of solar capacity, a major chunk of the total operational capacity.

How many GW of solar cells will SSCM - North America produce?

Capacity expansion totals. SSCM - North America for Q2 shows a total of 42 GW of module production capacity spread throughout Mexico, Canada, and the USA. These manufacturers are now forecasting an expansion of 84 GW in the coming 3 - 6 years, to manage this growth and meet the rising demand for



solar energy. Cell production is still a constraint.

Which solar panel manufacturers have been added?

Several new solar panel manufacturers and related PV factories have been added. These include Ascent Solar, Astronergy, Boway Alloy, Runergy, Caelux, Great Lakes Solex, Nano PV, Prism Solar, Solaria, and Ubiquity Solar. Capacity reductions.



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