

Platts Solar Module Price Assessments

Solar energy is the most abundant energy resource on earth. Clean energy technology investment is on track to surpass spending for upstream oil and gas for the first time in 2025, according to S&P Global Commodity Insights. Amid a significant increase in solar photovoltaic (PV) capacity, the technology is expected to account for half of these clean energy investments.

Regarded by the IEA as the cheapest available source of electricity in history, solar 'photovoltaic (PV)' modules are set to become one of the most accessible renewable technologies.

Platts, part of S&P Global Commodity Insights, has observed strong interest in transparent solar module pricing following the exponential growth in the manufacture, trade and installation of solar modules.

What solar module prices are assessed?

Platts publishes eight daily solar module assessments, across Europe, China, USA and India. Europe, China and USA were launched July 1 2024, and India July 1, 2025.

- FOB China 5-50 Mega Watt (MW)
- FOB China 50-100 MW
- DDP Europe 5-50 MW
- DDP Europe 50-100 MW
- DDP US 5-50 MW
- DDP US 50-100 MW
- India TOPCon 5-50 MW
- India PERC 5-50 MW
- Platts Global Solar Marker is a daily arithmetic average of four TOPCon 5-50 MW solar module assessments (FOB China, DDP Europe, DDP US, FOB India TOPCon).

What do the prices reflect?

The price assessments reflect modules with 570-720 W of output, Topcon specification and wafer sizes of 182-210 mm. India PERC however reflects modules with 520-680 W of output, PERC specification and wafer sizes of 182-210 mm.

The prices reflect modules for delivery, 28-70 days, forward for a European delivery, 28-60 days, forward for a US delivery, 10-30 days forward for loading in China and 7-30 days forward loading in India.

The prices are published as an outright price in cents per watt on a DDP Europe, DDP US, FOB China basis and FOB India basis. The basis location for Europe is Rotterdam, US is the East Coast, China is Shanghai and India is Mundra. Other locations are taken into account.

Platts assess these prices using our Market on Close (MOC) methodology, which is the combination of deep data gathering, rigorous assessment and our market reporters' expert judgment.

Why do we assess these markets?

Importation duties, oversupply, and supply chain costs have led to significant solar module pricing volatility, particularly since the start of 2023. New technology is rapidly evolving improving efficiencies with the market seeking more clarity around the changing prices of solar modules.

The industry is expecting this momentum to continue with global photovoltaic (PV) solar additions forecast to double by 2028, according to IEA.

According to S&P Global Commodity Insights, China added a record 301 GW of renewable power generation capacity including solar, wind and hydro in 2023, accounting for around 59% of the world's total renewable capacity additions last year. It added 216 GW of solar PV capacity alone in 2023 that was equal to 14% of the world's total installed solar PV capacity, more than what many countries have ever installed in total. However, outdated grid infrastructure is still struggling to absorb the huge capacity expansions.

Power price drivers will shift alongside decarbonization. Therefore, as countries around the world reach for their individual net zero goals, solar will have an increasing impact on the electricity market.

Platts will bring price transparency to this core piece of the energy transition. Our robust methodologies ensure consistency and integrity, setting the standard for price discovery.

Who should be interested in Platts solar module prices?

- Solar panel producers, distributors and suppliers
- Municipalities
- Utilities
- Government Agencies
- Research Bodies
- Academics

How can you report prices?

Market participants may submit bids, offers, trades or indicative values to Platts via email to powerpricing@spglobal.com, phone or instant message to Platts editors.

The assessments will consider market information reported to Platts and published throughout the day as well as any other data deemed relevant to the assessment process. Platts may normalize information with differing specifications heard in the market to meet the assessment specifications. Normalization brings market information in line with the Platts assessed specifications.

Where is this information published?

Platts publishes a daily and weekly commentary explaining price movements and supply-demand fundamentals.

Available in:

- CSM 1.0 Energy Transition and CSM+ Clean Energy Technology
- Market Data Category: MPC
- Platts Connect

How do you contact us?

Please submit any pricing feedback or questions to: powerpricing@spglobal.com.

For commercial enquiries and interest in accessing these prices email us: ci.support@spglobal.com.

About S&P Global Commodity Insights

S&P Global Commodity Insights is the leading independent provider of information, benchmark prices, and analytics for the energy and commodities markets. Platts, by S&P Global Commodity Insights, employs over 1,200 people in more than 19 offices worldwide.

For more than 110 years, we've been a trusted connector that brings together thought leaders, market participants, governments, and regulators to co-create solutions that lead to progress. Vital to navigating Energy Transition, S&P Global Commodity Insights' coverage includes oil and gas, power, chemicals, metals, agriculture, and shipping.

Traders, analysts, risk managers, scientists, engineers, strategic planners, and other professionals at more than 15,000 public and private sector organizations in over 190 countries benefit from S&P Global Commodity Insights services. These organizations range from exploration companies, miners, and refiners to end-users such as utilities, airlines, steel companies, and auto manufacturers. They also include government agencies, financial institutions, and professional service firms in law, engineering, consulting, and asset management.

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