

Successful bid price of Solar Panel project in Indonesia 2025





Overview

A recent study explores, through various scenarios, the cost-competitiveness of solar PV-based electrification in supporting Indonesia's renewable energy transition.

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Indonesia's Pertamina New & Renewable Energy (Pertamina NRE) has acquired a 20% stake in Philippine solar developer Citicore Renewable Energy Corp. (CREC) for \$120 million, with both companies planning joint investments in solar and other renewable projects in Indonesia, Indonesia and Singapore.

According to analysis, the cost of large-scale ground-mounted solar projects in Indonesia has decreased from approximately \$2.6/MW in 2013 to \$0.8/MW in 2024, placing it within the global solar cost range (\$0.5 to \$1.8/MW). According to the latest news, the harga solar panel 1000 watt in Indonesia.

Indonesia Solar Energy Outlook 2025 highlights the crucial role of solar power in improving Indonesia's energy security. The report analyzes how solar PV can help reduce dependence on fossil energy, improve the reliability of electricity supply, and address the challenges of climate change. ISEO.

Indonesia requires around \$285 billion in green energy funding by 2030 but currently faces a \$146 billion shortfall, highlighting the urgent need for private sector participation. In 2023, investment in renewable energy reached \$1.48 billion, but by mid-2024, only \$565 million had been invested. In.

The Indonesia Institute for Essential Services Reform (IESR) recently released its "2025 Indonesia Solar Outlook" report, revealing that as of August, the country's installed photovoltaic capacity reached 717.71 MW. IESR Executive Director Fabby Tumiwa emphasized that following a downturn in the.

Start bidding on new opportunities for Renewable Energy tenders daily and win lucrative contracts across Indonesia Why is the Indonesia solar PV panel



market growing?

The Indonesia solar PV panels market is experiencing significant growth driven by increasing government support, favorable policies, and a growing awareness of renewable energy sources.

Is Indonesia a good place to invest in solar PV?

With Indonesia's abundant sunlight and growing energy demand, there is a significant opportunity for expansion in the solar PV sector. The government's target of reaching 23% renewable energy mix by 2025 further supports the growth potential of the market.

What is the local content of solar energy projects in Indonesia?

According to MEMR Decree No 5/2017, the local content for energy projects in Indonesia was a minimum of 40% in 2017 and will be gradually increased up to 60% in 2019. Due to the relatively small scale of solar manufacturing in Indonesia, it is unlikely that local production can be competitive against international prices.

How much does a Harga solar panel cost in Indonesia?

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How much does solar PV cost in Indonesia?

The tool calculates an IRR of 16.44%, and a pay-back period of 6 years. IEA estimated that in 2019, Solar PV installations in Indonesia had an LCOE of 80 US\$/MWh. This compares with an IRENA estimate of the worldwide average of 60 US\$/MWh in 2019, falling to 48 US\$/MWh in 2021.

Will solar PV be a viable alternative to coal-based electricity generation in Indonesia?

The role of solar PV in Indonesia will extend beyond replacing coal-based electricity generation; it will also include the production of e-fuels for hard-to-abate segments, offering an alternative to land-intensive biofuel production.



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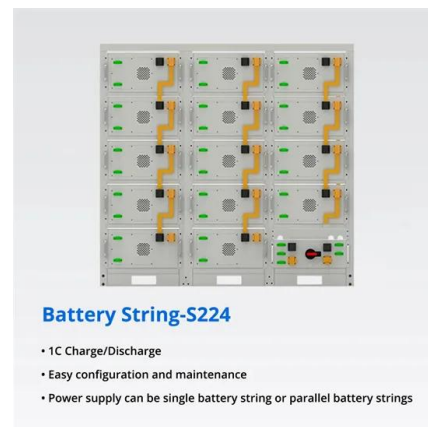


Which Solar Panels Are Best for Large-Scale Projects in Indonesia?

The Indonesian government has also set clear goals for renewable energy. By 2025, it aims to get 23% of its energy from renewables, with solar expected to play a major ...

Indonesia Solar Panel Manufacturing Report , Market ...

Explore Indonesia solar panel manufacturing landscape through detailed market analysis, production statistics, and industry insights. Comprehensive data on capacity, costs, and growth.



[Indonesia - pv magazine International](#)

US solar panel price from India stable at \$0.288/W In a new weekly update for pv magazine, OPIS, a Dow Jones company, provides a quick look at the main price trends in the global PV industry.



[Solar Panel Price in Indonesia - YOURSUN](#)

According to analysis, the cost of large-scale ground-mounted solar projects in Indonesia has decreased from approximately \$2.6/MW in 2013 to \$0.8/MW in 2024, placing it within the global solar cost range (\$0.5 to \$1.8/MW).



Indonesia issues new quota for rooftop solar system development

According to Rystad Energy's analysis, the cost of large-scale ground-mounted solar projects in Indonesia has declined from about \$2.6/MW in 2013 to \$0.8/MW in 2024, a ...

Solar Energy In Indonesia: Potential and Outlook

The economic aspect of solar energy, particularly the cost of solar panels, plays a critical role in its adoption. This price reduction is crucial for the decarbonisation of Indonesia's energy sector and signifies solar power's ...

Modular design, unlimited combinations in parallel
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[Reform Solar Energy Outlook 2025 In](#)

Acknowledgement We would like to extend our deepest gratitude to all individuals whose unwavering support and dedication have been instrumental in the successful publication of the ...





Indonesia Green Energy Investment Hits Solar Gear

Indonesia is positioned to be a regional leader in renewable energy, with solar PV at the core of its decarbonization strategy. The combination of vast solar potential, ...



Renewable Energy in Indonesia: Current ...

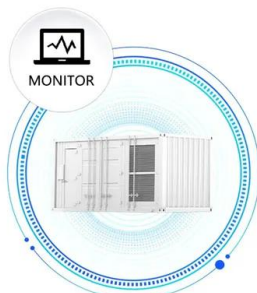
If successful, this project could pave the way for larger-scale marine energy development in Indonesia. The primary challenges for marine energy development include the high costs of technology, the lack of ...

Achieving Low Solar Energy Price in Indonesia:

Due to the relatively small scale of solar manufacturing in Indonesia, it is unlikely that local production can be competitive against international prices. Mandating local production of solar ...



SUPPORT REAL-TIME ONLINE MONITORING OF SYSTEM STATUS



Construction of Solar panel structure on the poly house structure ...

This tender is from the country of Bangladesh in Asian region. The tender was published by Bangladesh Agricultural Development Corporation (BADC) on 08 Sep 2025 for Construction of ...



Indonesia's solar outlook for 2025 shows promising ...

IESR Executive Director Fabby Tumiwa emphasized that following a downturn in the solar industry over the past two years, Indonesia needs to "catch up" with global solar trends. He further stated that this trend is ...



Efficient
Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overvoltage
- Max. PV Input Current 15A, Compatible with High Power Modules

Intelligent
Simple O&M

- IP65 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection

Flexible
Abundant Configuration

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead Acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

Indonesia: A Nation Rich in Unrealized Solar Energy ...

"The development of renewable energy sources, including solar, is a priority that the Indonesian government is working towards," Bernarto told Solar Magazine. "In terms of renewable energy policy, including solar, the incumbent government ...

Solar Panel Trends in 2025: Pricing, Efficiency, and Changes

With improvements in manufacturing and supply chains, we expect solar panel price trends in 2025 to continue to decline. This makes solar energy more accessible and cost ...



LONGi unveils solar panel factory project in Indonesia

On June 24, 2025, LONGi officially announced its collaboration with Pertamina NRE to establish a cutting-edge solar panel manufacturing facility in Indonesia. This partnership highlights both companies' dedication to advancing the ...



LONGi Launches Strategic Solar Panel Manufacturing Project in Indonesia

JAKARTA, Indonesia, June 24, 2025 /PRNewswire/ -- LONGi, a global leader in solar photovoltaic (PV) solutions, has officially launched a strategic project to establish a state-of-the-art solar



Solar Power Plants in Indonesia: Locations, Impacts, ...

Conclusion The growth of solar power plants in Indonesia represents a critical step towards a sustainable energy future. With its immense solar potential, strategic locations for solar installations, and strong ...

[IESR_RE Invest Indonesia 2022](#)

Source: Indonesia Energy Transition Outlook 2022, IESR analysis. Notes: Captive power is defined as power supply that is generated by an individual firm for its own use (via an ...



[Solar Panel Price List 2025: What to Expect](#)

In 2025, the landscape of solar energy is set to transform significantly, and understanding the Solar Panel Price List 2025 is crucial for anyone considering a switch to renewable energy. With the increasing demand ...



Estimating the cost of producing grid-connected solar PV in ...

In order to explore the incentives faced by investors in Solar PV in Indonesia, we have constructed a simple tool which calculates the cash flow of a typical project, and then ...



[Indonesia Solar Energy Outlook 2025](#)

Indonesia Solar Energy Outlook 2025 highlights the crucial role of solar power in improving Indonesia's energy security. The report analyzes how solar PV can help reduce dependence on fossil energy, improve the reliability of electricity ...

Indonesia Solar Energy Outlook 2025 Digital Version

Imprint Indonesia Solar Energy Outlook 2025 The rising importance of solar energy in leading Indonesia's energy transition Authors (alphabetically): Reviewers: Abraham Octama Halim Fabby Tumiwa Akbar Bagaskara His ...



[Scaling Up Solar in Indonesia](#)

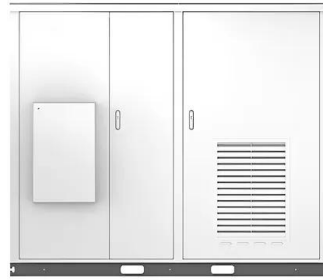
Solar in particular can make a significant contribution. The technology's quick development time and declining costs could enable Indonesia to meet its 23% renewable energy target by 2025 ...



[Indonesia Solar Energy Outlook 2025](#)

Indonesia Solar Energy Outlook 2025 menyoroti peran krusial PLTS dalam meningkatkan ketahanan energi Indonesia. Laporan ini menganalisis bagaimana PLTS dapat membantu mengurangi ketergantungan pada energi fosil, ...

Solar



2025 Solar Energy Trends: Key Insights , Eco Green ...

Discover key solar energy trends for 2025, including high-efficiency panels, BESS, and PV Prices. Learn howto optimize solar projects and increase profitability.

Government Accelerates the Utilization of Rooftop Solar Power ...

The community can also utilize the on-grid solar panel model to contribute to the development of renewable energy. The government is currently implementing various acceleration programs ...

Lower cost larger system

20Kwh
30Kwh

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