

SolarTech Power Solutions

Indonesia Surabaya Photovoltaic Module Project



Overview

Surabaya-based Utomo Solar Panel Terapung Erpo (Usopater) will produce equipment, including anchors and pontoons, used in floating photovoltaic modules, its managing director Anthony Utomo told The Straits Times. Is solar PV growing in Indonesia?

Up to now, solar PV growth in Indonesia has been slow compared to various other countries in the region and, to overcome this, Indonesia's government has set targets to increase solar PV substantially by 2030. The sector, though, will face challenges in producing solar products that can compete with those of other exporting nations.

Can solar panels be installed in Surabaya?

The climate in Surabaya is tropical, with high temperatures and humidity throughout the year, making it quite suitable for solar PV installations. However, considering the dense urban development in Surabaya city itself, large-scale solar PV installations might be challenging due to space constraints.

How can Indonesia foster a vibrant solar PV Manufacturing ecosystem?

To foster a vibrant solar PV manufacturing ecosystem, Indonesia could explore paths to increase domestic demand for solar products. One viable approach is to focus on the rapidly growing battery manufacturing sector by providing incentives for operators to produce batteries for storing renewable energy.

Will Indonesia deploy 100 GW of solar?

The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar. The distributed solar for energy self-sufficiency program encompasses 80 GW of solar that will be deployed as 1 MW solar arrays with 4 MWh of accompanying battery energy storage systems (BESS).

What is the average solar energy output in Surabaya Indonesia?

Average 5.58kWh/day in Autumn. Average 5.62kWh/day in Winter. Average 5.88kWh/day in Spring. To maximize your solar PV system's energy output in Surabaya, Indonesia (Lat/Long -7.2484, 112.7419) throughout the year, you should tilt your panels at an angle of 8° North for fixed panel installations.

Is Surabaya a good location for solar power generation?

Surabaya, East Java, Indonesia, located in the tropics, is a very suitable location for solar power generation throughout the year. This is due to its consistent sunlight exposure and tropical climate characterized by wet and dry seasons.

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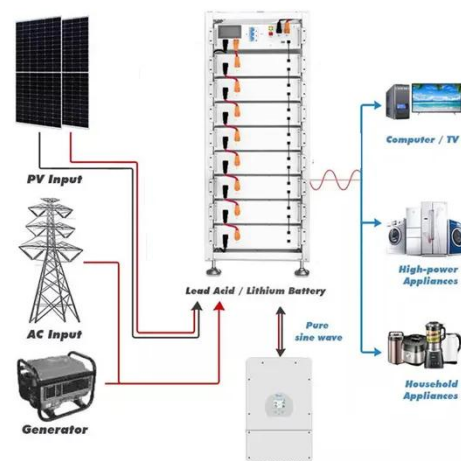


Grid parity analysis: The present state of PV rooftop in Indonesia

Mar 1, 2022 · This condition is defined as grid parity. In this research, the grid parity condition in Jakarta and Surabaya (Indonesia) is calculated and compared to the willingness to pay (WTP) ...

Solartech Surabaya 2018 (Surabaya)

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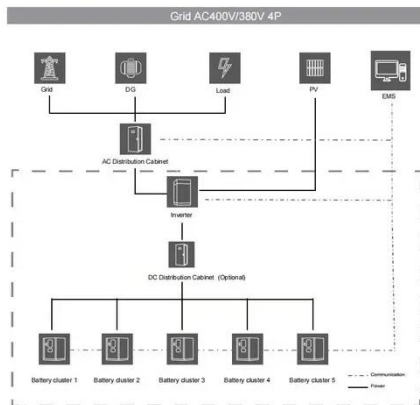


Solartech Indonesia Surabaya 2016 (Surabaya)

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Promoting residential rooftop solar photovoltaics in Indonesia...

Feb 1, 2024 · The number of rooftop photovoltaic (PV) systems in Indonesia has increased massively following the implementation of the net-metering (NEM) scheme. However, it is still ...



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LONGi unveils solar panel factory project in ...

Jun 24, 2025 · LONGi, a prominent name in the solar photovoltaic (PV) industry, has embarked on a significant initiative in Indonesia with the launch of a new ...



Indonesia plans expansion



as floating solar plant ...

Nov 13, 2023 · Indonesia has officially launched the largest floating solar farm in southeast Asia and already the proponents have agreed to more than triple ...

Indonesia Surabaya Solar Photovoltaic Panel Production Line

As Indonesia accelerates its renewable energy transition, Surabaya has emerged as a strategic location for solar photovoltaic panel production line manufacturing. With its industrial ...



Techno-economic Simulation of a Grid-connected PV ...

Dec 23, 2023 · Abstract This paper simulates the feasibility of installing a grid-connected photovoltaic (PV) system in a typical residential in Surabaya, Indonesia.

Indonesia significantly reduces localization

requirements for PV

Aug 13, 2024 · In order to protect the development of the country's new energy industry, Indonesia in recent years introduced a series of trade protection policies, especially for the ...



Indonesia unveils plan for 100 GW of solar

Aug 11, 2025 · The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar. The distributed solar for energy self-sufficiency program encompasses 80 GW of ...

Performance Evaluation of Roof Tile Solar PV under ...

Additionally the performance evaluation of a roof tile type of PV modules was conducted under the tropical climate of Surabaya, Indonesia. The objectives of this study are to review the most ...



Top Solar Panel Manufacturing Companies in Indonesia



Solar Cell & PV Module Manufacture - PT Agra Surya Energy Renewable Energy Company Good Maintenance Capability of handling the job, management and tools gave satisfaction to ...

Pertamina & LONGi Launch 1.4 GW Solar PV Module Factory in Indonesia

Jun 25, 2025 · The new solar module facility is located in the industrial zone of Deltamas in Indonesia. It aims to strengthen domestic PV supply chains, reduce production costs, and ...



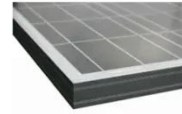
Solartech Indonesia 2015 (Surabaya)

Solartech Indonesia 2015 is sourcing platform for a host local and international suppliers to feature their latest innovative and services of photovoltaic cells, PV project and system, photovoltaic ...

Indonesia to Develop Floating Solar Power

Plants in Batam and Surabaya

Aug 13, 2025 · Indonesia is advancing its renewable energy transition with the development of floating solar power plants (PLTS Terapung) in Batam and Surabaya. Utomodeck Group, ...



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