

ContainerPower Energy Solutions

Indonesian solar modules



Overview

Which is the largest solar panel factory in Indonesia?

As the first integrated solar cell and module manufacturing facility in the country, TMAI has an initial production capacity of up to 1 GW, making it the largest solar panel factory in Indonesia. The facility is also capable of producing some of the world's largest solar panels.

How many solar panels can Indonesia produce a year?

According to Pertamina, which cites data from the Ministry of Industry, the current domestic solar panel production capacity in Indonesia is 1.6 GW per year. "Our new factory will increase national production capacity to 3 GW so that it can later support the government's target of 300-400 GW in 2060," it stated, without providing further details.

How many solar PV installations will Indonesia have in 2034?

These factories will support Indonesia's target to achieve 17.1 GW of new solar PV installations in the country over the next 10 years under its Electricity Supply Business Plan (RUPTL) 2025-2034 (see Indonesia To Add 42.6 GW Renewables By 2034 Under RUPTL).

Will Indonesia build a solar panel factory in the Riau Islands?

"Our new factory will increase national production capacity to 3 GW so that it can later support the government's target of 300-400 GW in 2060," it stated, without providing further details. In mid-June, Indonesia and Singapore agreed to build a solar panel industry in the Riau Islands.

Does Indonesia support solar energy development?

Ferry Salman, Managing Director of Sinar Mas, expressed his appreciation for the Indonesian Government's support in steering the energy transition, especially in advancing solar energy development. "We appreciate the government's continued commitment to fostering renewable energy through

solar utilization.

How much solar energy does Indonesia have in 2024?

Based on the data IRENA (2024) Solar PV globally dominates renewable energy contributions, reaching 73% or 346 GW of total installed renewable energy capacity by 2023. Meanwhile in Indonesia, until August 2024, the installed solar energy capacity had only reached 0.7 GW.

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