

## SolarGrid Energy Solutions

# Solar power station in China in Jakarta



## Overview

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Located on the Cirata Reservoir in West Java province, about 130 kilometers from the capital Jakarta, the Cirata Floating PV Power Plant, with an installed capacity of 145MW, is expected to provide electricity for 50,000 households. Is China building a floating PV power plant in Indonesia?

POWERCHINA recently completed the installation of photovoltaic (PV) components for the Cirata Floating PV Power Plant in Indonesia, marking the start of the final debugging and grid connection phase. The plant is the largest floating PV power plant in Southeast Asia and the first of its kind to be built by a Chinese company in Indonesia.

Does powerchina have a photovoltaic power plant in Indonesia?

PowerChina has completed the Cirata floating photovoltaic power plant, a pioneering project in Indonesia that now supplies a quarter of the country's renewable energy production.

Where is the largest photovoltaic power plant in Southeast Asia?

PowerChina has completed the construction of the Cirata floating photovoltaic power plant in Indonesia. This marks the commissioning of the largest facility of its kind in Southeast Asia. The plant, with a capacity of 192 megawatts, is located on the Cirata Reservoir in West Java Province.

What are the key projects undertaken by powerchina in Indonesia?

The Jatigede Dam Project is one of the key economic and trade cooperation projects between China and Indonesia. Cirata Photovoltaic Project is the first floating photovoltaic in Indonesia, and also the largest one in Southeast Asia. Key projects undertaken by POWERCHINA in Indonesia: 1. Jakarta-Bandung High-Speed Railway Project.

What is Indonesia's largest land-based photovoltaic plant?

(Executive editor: Zhu Zeya) Indonesia's largest land-based photovoltaic

plant, designed and constructed by Power Construction Corporation of China (PowerChina), has been put into operation.

Where is a 192 megawatt power plant located in Indonesia?

The plant, with a capacity of 192 megawatts, is located on the Cirata Reservoir in West Java Province. It has been supplying power to the national grid since November 2023. The project is a joint venture between Indonesian state-owned utility Perusahaan Listrik Negara (PLN) and Emirati firm Masdar.

## Solar power station in China in Jakarta



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

Sep 9, 2024 · Conclusion The growth of solar power plants in Indonesia represents a critical step towards a sustainable energy future. With its ...

### PowerChina Completes Indonesia's Largest Land-based ...

Sep 4, 2024 · The 100 MW Karawang PV Project not only provides a significant boost to Indonesia's clean energy sector but also marks a new chapter in energy cooperation between ...



### Indonesia inaugurates Southeast Asia's largest ...

Nov 10, 2023 · This aerial photo taken on Nov. 9, 2023 shows the booster station and floating array of the Cirata floating solar plant in West Java Province, ...



### Could China provide the renewables investment ...

Jan 29, 2025 · A worker inspects solar panels at a plant on Karampuang Island, in West Sulawesi, Indonesia, 2022. Although investment from China surged ...



### **China to launch one-kilometre-wide solar farm into space**

Jan 21, 2025 · Read: Bilgin Architects shrouds solar farm hub with mirrored steel in Turkey According to Global Construction Review, work started on the space solar power station in ...

### **The world and China's largest solar power plants ...**

Jan 24, 2024 · Discover China's pioneering solar projects, from the highest-altitude stations to the largest solar-wind hub in deserts.



### **Photovoltaic (PV) solar power plants in Indonesia**

Mar 2, 2025 · Indonesia, an archipelago forming over 17,000 islands, is rich in natural resources and has as much solar potential as it does challenges. ...



## Indonesia's Largest Onshore Photovoltaic Project Completed By China

Sep 2, 2024 · On August 28th local time, the Karawang 100 MW photovoltaic project, the largest onshore photovoltaic power station project in Indonesia designed and constructed by China ...



## Solar PV still has significant potential in Indonesia

Feb 29, 2024 · As outlined in the RUEN, by 2050, rooftop solar PV is expected to cover at least 30% of government buildings and 25% of upscale residential ...

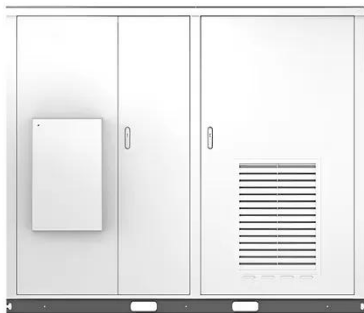
## PowerChina Spearheads Indonesia's Sustainable ...

Apr 14, 2025 · Beijing, (ANTARA/PRNewswire)- A news report from CRIOOnline: In West Java, Indonesia,

the Cirata Reservoir is home to a groundbreaking ...



Solar



## 200MW! POWERCHINA Signs EPC Contract for Indonesia Solar ...

Jul 27, 2025 · Recently, a consortium led by POWERCHINA Northeast Electric Power Engineering Co., Ltd. signed an EPC turnkey contract for the 200MW AC mountainous ...

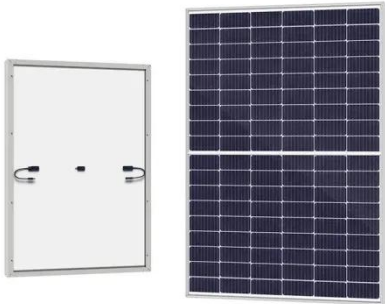
## How to power Indonesia's solar PV growth ...

Oct 19, 2023 · 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 ...



## POWERCHINA

Solarquarter : POWERCHINA's PV3 Solar Project Showcased in UAE During Boao Forum 2025 May 26, 2025 Confirmado : Coca Codo Sinclair - Generación de energía más barata ...



## Cirata Floating Solar Photovoltaic Power Plant, ...

Nov 24, 2023 · The Cirata Solar Floating Photovoltaic (FPV) Power Plant in West Java, Indonesia is the largest floating solar power plant in Southeast Asia.



## Kela Photovoltaic Power Station, the world's ...

Jul 13, 2022 · The Kela Photovoltaic Power Station is the world's largest integrated hydro-solar power station, and the first under-construction ...

## Cirata Floating Photovoltaic Power Plant, Indonesia

Jan 21, 2021 · Cirata floating photovoltaic power plant is Indonesia's first floating power solar PV plant being developed on the Cirata reservoir in the



West Java ...



## PowerChina Complete Floating Solar Power Plant in Indonesia

Apr 3, 2025 · PowerChina has completed the construction of the Cirata floating photovoltaic power plant in Indonesia. This marks the commissioning of the largest facility of its kind in ...

## PowerChina completes Southeast Asia's largest ...

4 days ago · PowerChina has completed the Cirata floating photovoltaic power plant, a pioneering project in Indonesia that now supplies a quarter of the ...



## Indonesia's biggest onshore PV project starts operating

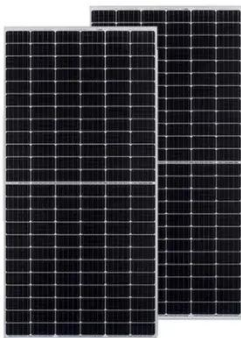
An aerial view of the huge Karawang solar power park. The Karawang 100 Megawatts Photovoltaic (PV) Project in Indonesia - a massive solar power park

designed and constructed ...



## Southeast Asia's largest floating PV power plant ready to

The plant is the largest floating PV power plant in Southeast Asia and the first of its kind to be built by a Chinese company in Indonesia. Located on the Cirata Reservoir in West Java province, ...



## Could China Provide the Renewable Energy ...

Jan 30, 2025 · Notable projects include the Cirata floating solar project, expected to generate 145 MW of capacity. Despite these efforts, Indonesia lags behind ...

## Cirata, SE Asia's largest floating solar plant, ...

Nov 9, 2023 · Indonesia President Joko Widodo has launched Cirata, a 192MW floating solar plant on a reservoir in West Java province, 130km from the ...



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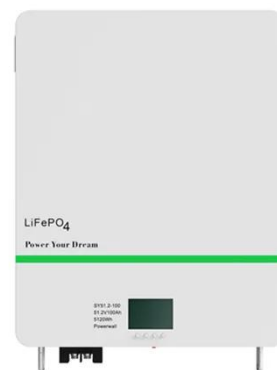


## Map of Power Plants In Indonesia

Mar 20, 2025 · Map of Power Plants located in Indonesia. Coal, Gas, Nuclear, Thermal & Hydro Power Stations. Crowdsourcing health and safety issues.

## Masdar and PLN to develop floating solar ...

Apr 14, 2025 · Masdar has partnered Indonesia's PT PLN (Persero), to advance the development of floating solar power projects in Indonesia.



## China's solar tech companies eye for Indonesian market

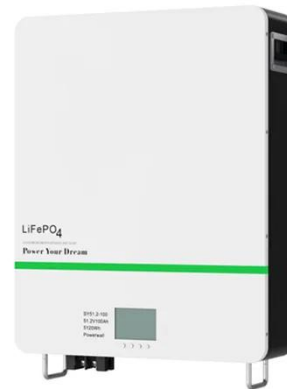
Apr 27, 2025 · JAKARTA - Solartech Indonesia 2025, a large trade exhibition for solar energy and photovoltaic technology in the ASEAN region, ended

on Friday. Chinese exhibitors attracted ...



## Chinese company builds floating solar plant in ...

May 22, 2024 · "The Cirata floating solar plant has become another iconic project of the Belt and Road cooperation between Indonesia and China after the ...



## China Yongfu undertakes the largest solar energy storage ...

On July 10, 2025, Fujian Yongfu Electric Power Design Co., Ltd. of China officially signed an EPC general contract with PT Sumber Energi Surya Morowali of Indonesia to undertake the ...



## Sunny outlook for solar power in Indonesia

Jul 30, 2025 · The future appears bright for Indonesia's solar energy sector as Southeast Asia's biggest economy aims to raise its renewable energy capacity to

meet its climate commitments, ...



### **Cirata Floating Solar PV Plant Ready to Operate: ...**

Jakarta, November 9, 2023 - Cirata floating photovoltaic (PV) power plant located in Cirata Reservoir, West Java, with a capacity of 145 MW (ac) or 195 MW (p), ...

### **Monitoring China's solar power plant in-use stocks and ...**

Jan 1, 2025 · China's installed centralized solar power plant capacity comprises over 60 % of the total installed capacity encompassing both centralized and distributed PV systems (National ...



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