



Bess system for solar factory in Jakarta





Overview

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Univers has deployed its cutting-edge Power Plant Controller and SCADA systems to optimize a pioneering solar-plus-BESS project in Indonesia. This initiative marks a critical step in Indonesia's transition to renewable energy, combining 50 MW of solar PV with a 14 MWh battery energy storage system.

Jakarta, August 7, 2025 - Indonesia will build a 100 Gigawatt (GW) Solar Power Plant (PLTS). The program plans to build 80 GW of solar power plants and 320 GWh of Battery Energy Storage System (BESS) to be managed by the Merah Putih Village Cooperative (KDMP) in 80,000 villages, and 20 GW of.

PT Sembcorp Renewables Indonesia, a wholly owned subsidiary of Singapore-headquartered engineering firm Sembcorp, and state-owned PT PLN Nusantara Renewables have launched a utility-scale solar-plus-storage project in Indonesia. The Nusantara Sembcorp Solar Energi (NSSE) power plant comprises 50MW.

Paris/Singapore, May 30th, 2025 - TotalEnergies and RGE, a group operating in the bio-based resources and energy sectors, are pleased to announce that Singapore's Energy Market Authority (EMA) has awarded their equally-owned joint venture Singa Renewables ("Singa") a conditional licence to import 1.

The government of Indonesia has launched a programme that aims to build 100GW of solar PV in the coming years, mostly distributed across smaller projects in rural areas. The programme will consist of 80GW of solar PV plants and 320GWh of battery energy storage systems (BESS) across 80,000 villages.

Sembcorp Industries has taken a significant step into Indonesia's renewable energy landscape by launching its first large-scale solar-plus-battery energy storage project, in collaboration with state-owned PT PLN Nusantara Renewables.



This initiative marks a notable entry into the Indonesian market.



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[100 GW Solar Power Plant for Indonesia's Energy ...](#)

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Indonesia Plan For 100GW Of Solar

The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar mainly for Solar Mini Grid with accompanying Battery Energy Storage System ...



Sembcorp partners with PLN for Indonesia's solar-plus-BESS ...

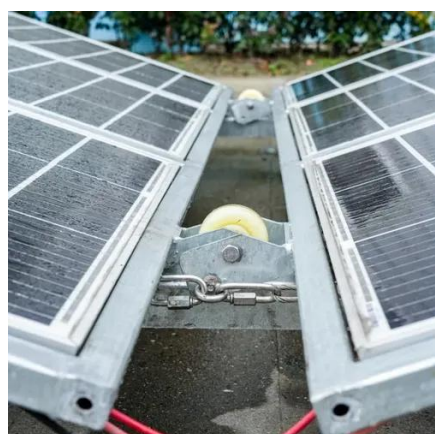
The Nusantara Sembcorp Solar Energi power plant is a utility-scale project that combines 50MW of solar photovoltaic (PV) generation with a battery energy storage system ...

[BESS Revolutionizes Renewable Stability in Indonesia](#)

This study examines the integration of Battery Energy Storage Systems (BESS) with Solar Power Plants (PLTS) to enhance electrical grid stability in



Indonesia, where 90% of ...

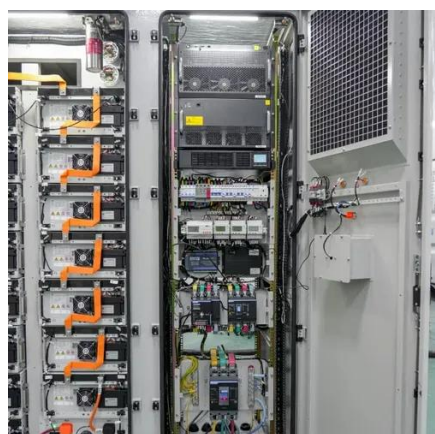


[Indonesia announces 100 GW solar, storage minigrid plan](#)

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 ...

[Indonesian government targets 320GWh BESS in ...](#)

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[Univers Enables Indonesia's Groundbreaking Solar ...](#)

This initiative marks a critical step in Indonesia's transition to renewable energy, combining 50 MW of solar PV with a 14 MWh battery energy ...



[Sembcorp partners with PLN for Indonesia's solar ...](#)

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Univers Enables Indonesia's Groundbreaking Solar-plus-BESS ...

This initiative marks a critical step in Indonesia's transition to renewable energy, combining 50 MW of solar PV with a 14 MWh battery energy storage system (BESS) to deliver reliable, ...

[Indonesia announces 100 GW solar storage ...](#)

The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar. The distributed solar for energy self ...



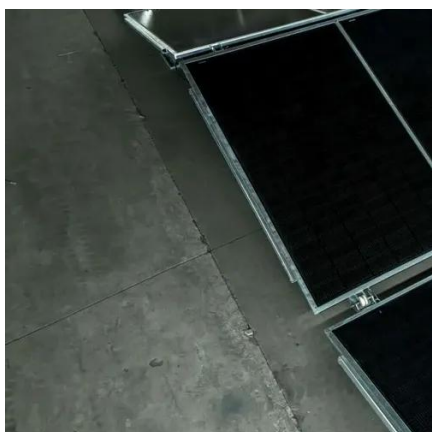
[Indonesia new programme targets 100GW solar PV, 320GWh BESS](#)

The government of Indonesia has launched a programme that aims to build 100GW of solar PV and 320GWh BESS in the coming years.



Sembcorp launches Indonesia solar-plus-BESS project with state ...

The Nusantara Sembcorp Solar Energi (NSSE) power plant comprises 50MW of solar PV and a 14.2MWh battery energy storage system (BESS). It is located on 87 hectares ...

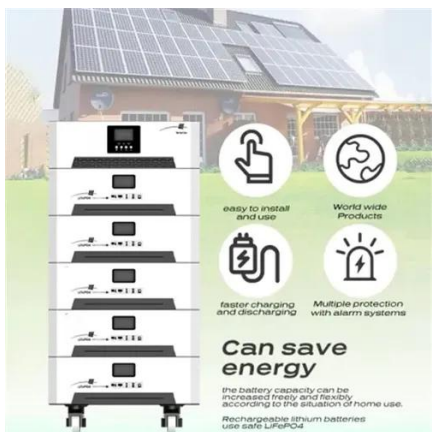
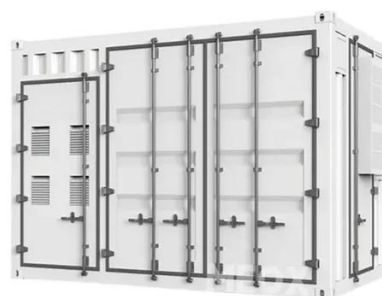


[Indonesia new programme targets 100GW solar ...](#)

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[Sembcorp launches Indonesia solar-plus-BESS ...](#)

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[Indonesian government targets 320GWh BESS in new scheme](#)

The programme will consist of 80GW of solar PV plants and 320GWh of battery energy storage systems (BESS) across 80,000 villages. The projects will comprise 1MW solar ...



[Indonesia-Singapore: TotalEnergies and RGE Reach New ...](#)

The project will supply Clean Firm Power to energy-intensive consumers in Singapore and to industrial complexes near the solar site in Riau Province, Indonesia.



[100 GW Solar Power Plant for Indonesia's Energy Self ...](#)

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