

SolarTech Power Solutions

Distributed Energy Storage in Indonesia



Overview

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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.

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.

Indonesia has announced an ambitious plan to deploy 100 GW of solar power nationwide, combining large-scale generation with an unprecedented rural electrification push. According to pv magazine, the "100 GW Solar Power Plant Plan for Village Cooperatives," mandated by President Prabowo Subianto.

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 (BESS) The distributed solar for energy self-sufficiency

program encompasses 80 GW of solar that will be deployed as 1 MW solar arrays.

Indonesia in Profile*) Sea area : 7 900 000 km² Land area : 1 900 000 km²
Population : 212 Million Provinces : 31 District : 302 Sub-district: 4 918 Village:
70 460 Islands: 17 000 Energy Reserve in Indonesia Fossil Fuel
Oil*):5.00Billion Barrels (0.5%) Gas *):2.05Trillion m³ (1.4%) Coal *).

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