

Sungrow malaysia

Based on Malaysia's alternative energy development needs, Sungrow displayed ...

Sungrow to Boost Renewable Energy Development in Malaysia with its Comprehensive Solutions

Innovative utility-scale solar energy solution launched to unleash Malaysia's energy potential

Utility-scale power plants dominate the Malaysian photovoltaic market which holds a 210GW potential. With the aim of facilitating renewable energy development in Malaysia, Sungrow displays a variety of solutions to meet that need. These solutions include the ultra-powerful 350kW string inverter SG350HX, the innovative "1+X" modular inverter, and the latest generation liquid-cooled energy storage system, the PowerTitan 2.0.

The "1+X" modular inverter is an innovative product that combines the advantages of central and string inverters. By combining eight units, the "1+X" Modular Inverter can reach 8.8 MW in capacity, offering a minimum capacity of 1.1 MW per unit. And for the energy storage system, the PowerTitan 2.0 debuts in Southeast Asia for the first time. It is a professional integration of Sungrow's power electronics, electrochemistry, and power grid support technologies. The latest innovation for the utility-scale energy storage market adopts a large battery cell capacity of 314Ah, integrates a string Power Conversion System (PCS) in the battery container, embeds strong grid support technology, and features systematic liquid-cooled temperature control.

Comprehensive C& I solar-plus-storage solutions with power optimizer promote the low-carbon transformation of the Malaysian manufacturing industry

The rapid expansion of the manufacturing industry and the support of the Net Energy Metering Scheme in Malaysia encourage local factories and commercial buildings to install photovoltaics to reduce electricity bills.

A full range of Sungrow's renewable energy solutions for the C& I sector are available. They introduced the SG125CX-P2 inverter, the PowerStack ESS, SP600S power optimizer, the AC22E-01 EV charger, and the new generation digital O& M platform iSolarCloud. With an all-encompassing solution, these parks can harness clean energy systematically. Tailored to meet Southeast Asia's policy requisites and long-term plant benefits, the SP600S surpasses similar products due to its dual functionality of "optimization" and "shutdown". This product, certified by T?V Rheinland and CSA, has already found application in Thai enterprises and won high praise.

Safe and high-efficiency residential solar solutions embark allow local families to increase their income from

electricity sales

Malaysia's government is strongly supporting the installation of photovoltaics on household roofs. Sungrow brings 10kW and 20kW hybrid single-phase inverters to Malaysia, SH10RS and SG20RT-P2, giving customers a choice of suitable products based on roof size. With quick arc fault circuit interrupter, high anti-corrosion rating C5, etc., protecting houses from potential threats. At the same time, Sungrow inverters have lower startup & wider MPPT voltage, built-in PID recovery function and are better compatible with bi-facial modules, leading to higher yields for plant owners and homeowners. So far, Sungrow's residential solar solutions have been widely applied around the world, especially in mainstream markets such as Europe, America, and Australia.

Kevin Guo, Head of Sungrow Malaysia, states that Sungrow will be Malaysia's sincere partner to promote its energy transition. "With the ambitious target to achieve 70% RE installed capacity in the power mix by 2050, primarily driven by solar PV installation, Malaysia is facing challenges. We have commissioned several solar projects in Malaysia, such as Sungai Petani 100 MW project, IBvolt 100 MW project, and provided C& I solutions for Intel Malaysia, Bosch Malaysia, and more. Our innovative technologies can provide Malaysia with efficient, safe, durable and stylish products, helping Malaysia achieve its net-zero goal as soon as possible."

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