

Huawei joins energy storage project





Overview

Will Huawei fusion solar power Red Sea city's off-grid energy needs?

Huawei's FusionSolar Smart String Energy Storage Solution will power the Red Sea City's off-grid, clean energy needs. The Red Sea Project, a key part of SaudiVision2030, is now the world's largest microgrid with 1.3GWh storage capacity.

What is Huawei fusionsolar smart string energy storage solution (ESS)?

Central to this vision is Huawei's FusionSolar Smart String Energy Storage Solution (ESS). This solution will enable the Red Sea Project to independently meet its power needs. The microgrid solution addresses the intermittent and fluctuating nature of solar and wind power. It ensures the safe and stable operation of renewable energy systems.

Why is Huawei involved in the Red Sea project?

Huawei's involvement in the Red Sea Project underscores its commitment to sustainability, technological expertise, and collaboration. "The Red Sea Project provides an unparalleled opportunity to demonstrate this commitment and showcase our industry-leading innovation and technology," said Xing. "It's a blueprint for sustainable cities.

What is Huawei doing in Asia-Pacific?

Meanwhile, in Thailand, Huawei built Asia-Pacific's largest single-site C&I PV and ESS plant at Mahidol University, including a 12 MW PV system and a 600 kWh ESS. "Huawei's smart string and grid-forming ESS solution significantly improves a power grid's ability to integrate renewable energy," Xing explained.



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Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.



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Dec 6, 2024 · The project exhibits Huawei's capability in providing advanced energy solutions. Huawei brings its cutting-edge expertise in energy ...



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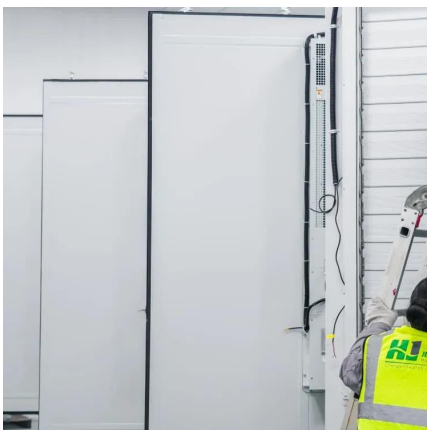


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[Huawei unveils FusionSolar 9.0 platform with AI, grid ...](#)

Dec 2, 2025 · Chinese conglomerate Huawei has launched FusionSolar 9.0, its latest integrated platform for solar-plus-storage generation, enhanced by smart energy management.



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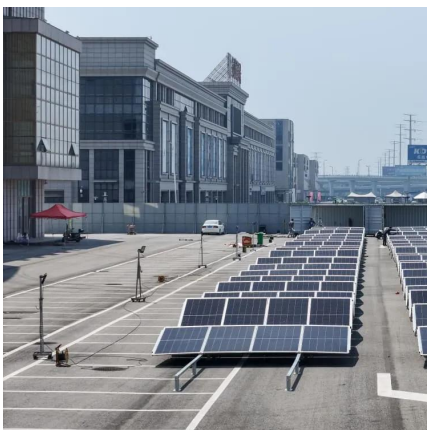


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[Huawei s largest photovoltaic energy storage](#)

Aug 4, 2024 · Moreover, Huawei helped ACWA Power and Power Construction Corporation of China build the world's largest PV+ESS microgrid project in Saudi Arabia, which supplies clean ...

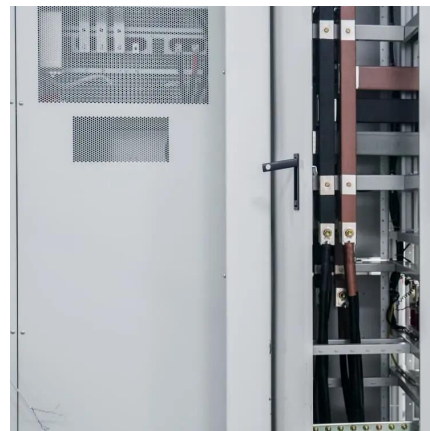


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