Trina solar success stories

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Success Story: Haynes International. Haynes International (Haynes), one of ...

Success Story: Camila Utility Project. Origis chose Trina to meet an accelerated ...

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This project is located at Wutumeiren solar park, Golmud City, Qinghai. The overall project scale reaches up tp 50MW. The average annual power generation is estimated to be 1950 equivalent utilization hours after the project is completed. The gobi desert environment, heavy sand-wind weathers and large temperature differences will not influence project"s operation; high power generation and high reliability of 210mm 670W Vertex ultra-high power modules can fully meet customer needs.

This project is located at Nandagang industry park, Cangzhou, Heibei, facing Bohai sea on the east, adjacent to Beijing-Tianjin on the north. The place also has many saline lands and beach resources. Concord New Energy takes good advantages of local fishery economic growth, and develops this Aquaculture-complementary solar power station. The porject continues to use Trina Solar"s 670W Vertex sereis ultra-high power modules ever since Dachaidan 112MW PV power station project has completed grid connection.

Using Trina Solar"s 210mm Vertex 670W modules, a 200MW PV power station located in the city of Zhangye, Gansu province, China, is now under construction. This project turns Gobi desert areas into fertile areas in the aim of growing next-generation green energy. Upon completion, the power station is expected to generate 380 million kWh of green power per year, with average annual equivalent power generation of 1,738.9 hours and average reduction of CO2 emissions of about 320,000 tons per year.

The project is located in Jimsar County, Xinjiang, and all adopt 210 Vertex 670W ultra-high power modules, of which 10MW use TrinaTracker 1P intelligent tracking bracket. Jimsar County belongs to the middle temperate continental arid climate, cold winter, hot summer, little rainfall, large temperature difference between day and night, the average annual sunshine hours of 2861.1 hours, with sufficient light conditions. Under such climatic and sunshine conditions, the advantages and characteristics of the Vertex 670W series modules with high power, high efficiency, high reliability and high power generation will be maximized.

This project has a scale of 18MW, all of which uses Trina Solar"s 210 Vertex 670W series ultra-high power modules, with an estimated annual average power generation capacity of 20,825,500 kWh. The average annual saving of 6,349.7 tons of standard coal, 17,326.8 tons of carbon dioxide, 3.332 tons of sulfur dioxide, and 3.728 tons of nitrogen oxides is equivalent to planting 962,600 trees each year, helping enterprises to achieve the ambitious goal of "becoming the first zero-carbon factory in 2023".

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In North China, it is rainy in summer and snowy in winter. Moisture-proof and snow-removal of rural roofs is a big headache. The three-sided color steel tile + photovoltaic scheme not only protects the rental income of the villagers, but also protects the villagers from the wind and rain. It really answers multiple purposes and was well received by the local villagers. For installers, the sealed color steel tile greatly increases the initial investment cost and affects the return on investment. By optimizing product design and selection, especially the introduction of Trina Solar"s 600W+ ultra-high-power modules, the overall cost can be effectively reduced and the balance of investment returns can be ensured

As a world-leading US-funded oral care product manufacturer, Heze Haoda Industry recently installed a 2.5MW rooftop photovoltaic power generation project. This project uses Vertex 600W ultra-high power modules. It is estimated that the power generation in 25 years will be 71.2868 million kWh, and the annual average power generation will be 2.8515 million kWh. The average annual saving of 869.4 tons of standard coal, reduction of 2,372.4 tons of carbon dioxide, 0.456 tons of sulfur dioxide, and 0.51 tons of nitrogen oxides is equivalent to planting 131,800 trees each year.

This scattered county is located in Yiyuan county, Zibo, Shandong. From one rooftop to more, this small village at the foot of the mountain will be gradually equipped with photovoltaic panels, turning itself into a "Photovoltaic Village". The residents here can earn extra income directly through grid connection for over 10,000 RMB each year. All 210 Vertex 600W+ ultra-high power modules used in this project are connected to the intelligent cloud platform. Customers can view their benefits by a single click at home. Trina Solar ultra-high power modules bring more power generation, more returns and less cost to customers, to build a more beautiful green village.

Hangzhou Xinyang Webbing Textile Co., LTD. roof photovoltaic project successfully connected to the grid. The total installed capacity of the project is 260kW. All Trina Solar Power Vertex 210R 580W components are used. It is expected that the annual power generation of the of the project will be 238,000 KWH and the carbon reduction will be 220.56 tons, which is equivalent to planting 12,253 trees every year.

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