

European Solar and Energy Storage Solutions

Trina 670W photovoltaic panel parameters



Overview

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%. Power Bifaciality: 70±5%. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

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STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%. *Please refer to regional datasheet for specified connector. What voltages can Trina Solar modules operate at?

Trina Solar modules are certified for operating in Application Class A installations at voltages below 1000V DC (For TSM-PE05A.**, PE14A.**, below 1500V DC).

What is the snow load of Trina Solar modules?

Test result □ The test data demonstrate the critical snow-load of Trina Solar's modules exceeded 6,600 Pa, getting up to 7,000Pa, equivalent to the pressure generated by 2.8 meters of snow, the power degradation of module was just 0.56%.

Do Trina Solar modules need a transformer?

When installed in systems governed by IEC regulations, Trina Solar modules normally do not need to be electronically connected to earth and therefore can be operated together with either galvanically isolated (with transformer) and transformerless inverters.

Are Trina Solar modules corrosive?

According to Intertek-conducted IEC 61701:2011, salt mist corrosion testing of photovoltaic (PV), Trina Solar modules can be safely installed in corrosive salt areas within proximity of the ocean or sulfurous areas.

Do Trina Solar PV modules have bypass diodes?

Trina Solar PV modules are equipped with bypass diodes in the junction box. This minimizes module heating and current losses. Do not try to open the junction box to change the diodes even if they malfunction.

How do I clamp a Trina Solar module?

Trina Solar has tested its modules with a number of clamps from different manufacturers and recommends the use of clamps which have an EPDM or similar insulating washer, fixing bolt of at least M6. The clamp must overlap the module frame by at least 7mm(0.28in) but no more than 10mm(0.39in).

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Trina Solar Brand 132 Half Cells 670W 660W 650W 665W 655W 645W Solar Panel

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660W Datasheet Vertex DE21 EN 2020 PA4 web

Trina standard 90% 100% 5 10 15 20 25 98.0% 84.8% xxxxxxxxxxxx EU-28 WEEE COMPLIANT RECYCLABLE PACKAGING PRODUCTO: TSM-DE21 RANGO DE POTENCIA: 650-670W ...



TRINA Vertex S+ Solarmodule ?I Photovoltaik4all

Trina Solar ist mit mit einem Gesamtliefervolumen bis Mitte 2023 von weltweit mehr als 150 GW Solarmodule weltweit führender Anbieter intelligenter Solarlösungen. Darüber hinaus umfasst unser Downstream-Geschäft PV ...

Trina Solar Introduces the 670W Vertex Module with Efficiency up ...

At the PV Module Tech Conference on March 11, 2021, Trina Solar Co., Ltd. ("Trina Solar") officially unveiled a new generation of ultra-high power Vertex module with a ...



Trina Solar introduces the 670W Vertex Module with up to 21.6%

Trina Solar introduces the 670W Vertex Module with up to 21.6% efficiency, marking the unstoppable trend of 600W+ 2021.03.11 Trina Solar Co., Ltd. ("Trina Solar" or the ...

Trina Solar: 670W Vertex Module, the unstoppable ...

The 670W Vertex module is well suited for large-scale power plants, particularly low-cost power plants that are highly sensitive to investment costs, because it can reduce the non-silicon cost of silicon wafers and cells ...



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