

European Solar and Energy Storage Solutions

605W Trina PV Panel Specifications



Overview

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

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605W+ Ultra-high Power with 21.2% High Efficiency. Based on the 210mm large-size silicon wafer and monocrystalline PERC cell, the Vertex comes with several innovative design features allowing high power output of more than 605W. Excellent temperature coefficient and low irradiation performance brings the greater power.

Minimized micro-cracks with innovative non-destructive cutting technology. Ensured PID resistance through cell process and module material control. Mechanical performance up to 5400 Pa positive load and 2400 Pa negative load.

Multi-busbar technology for better light trapping effect, lower series resistance and improved current collection. Lower temperature coefficient (-0.30%) and operating temperature. Up to 30% additional power gain from back side depending on albedo. Up to 22.4% module efficiency with high density interconnect technology.

PRODUCT RANGE: 585-605W High customer value High power up to 605W High reliability High energy yield BIFACIAL DUAL GLASS MONOCRYSTALLINE MODULE • Lower LCOE (Levelized Cost of Energy), reduced BOS (Balance of System) cost, shorter payback time • Lowest guaranteed first year and annual degradation; What is a 605W PERC cell?

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What is Trina Solar?

Based on the aim of improving the system efficiency and reducing the balance-of-system costs, Trina Solar's research and development team has introduced an innovative design of low-voltage and higher module string power output. Typically, Trina can interconnect 33 Vertex modules into a string.

How many vertex modules can Trina interconnect?

Typically, Trina can interconnect 33 Vertex modules into a string. Compared with other reference module, a single module string can achieve up to a 41% power increase, 15% racking decrease, 17% foundation decrease and 35% combiner box decrease, indicating an innovative technological breakthrough and ushering in a new era of 600W+.

Is Trina Solar a good brand?

It is a very good brand with a high quality product. We are using PV modules manufactured by Trina Solar because we can easily get them here in Australia. Additionally, they are high quality brand. We have switched from other brands to Trina because we find their products performance is valuable. We believe that Trina is the premium brand.

Why should you choose Trina Solar products & services?

Vertex 670W, Vertex 550W for example enable commercial and utility-scale solar projects to realize significant system savings. it the best product for us. so we recommend Trina Solar Products and services especially for the African market because our major problem is substandard products.

How trinapro 210mm vertex module & nclave brand tracker will improve performance?

The TrinaPro solution integrated Vertex module and customized Nclave brand tracker, which could give full play to the Vertex module and ensure the safety and reliability of the system. As for the special cell structure of 210mm Vertex, TrinaPro R&D team will develop an adaptive tracking Algorithm, which will bring an extra performance gain of 1-2%.

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12.8V 100Ah



Download Resources for Products & Solutions , Trina Solar US

TUV Rheinland third-party testing and certification ensures Trina Solar's panels comply with the design and type approval standards set forth in IEC 61215, which cover common field ...

Brand 1 Grade a PV Module Trina 605W Mono Solar ...

Brand 1 Grade a PV Module Trina 605W Mono Solar Panels with CE Certification, Find Details and Price about Trina 605W Trina Solar Panel from Brand 1 Grade a PV Module Trina 605W Mono Solar Panels with CE ...



Panel Solar 605W Trina Vertex N

El Panel Solar 605W Trina ofrece una garantía de 12 años en el producto y una garantía de rendimiento lineal de 25 años. Esto garantiza no solo la durabilidad del panel sino también un ...

210mm 120 Half Cells Solar Panel 600W 605W 610W ...

Electrical Specification. Maximum Power

(Pmax/W) 590 595 600 605 610 Maximum Power
 Voltage (Vmp/V) Trina Panel Solar 540W 545W
 550Watt 555 Wp 560 Watts China Solar Panel.
 Risen Half Cell Mono Pv Panels 605W ...



JA Solar 605W Bifacial Solar Panel JAM78D30-605/GB

The JA Solar DeepBlue 3.0 pro series is an advanced line of solar panels that boasts impressive specifications. With a wafer size of 182, these panels offer a power output of at least 600W, making them highly efficient in converting ...

Trina Vertex 585-605W Datasheet Solar Analytica Verified.pdf

High power up to 605W. Up to 21.4% module efficiency with high density interconnect technology Multi-busbar technology for better light trapping effect, lower series resistance and improved ...



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