

## Solar Energy South Africa

# Trina 550 Photovoltaic Panel Instructions



**3354KWH**

**1331.2V 2520AH**



## Overview

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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).

How to store Trina Solar modules?

Trina Solar User Manual | Vertex Series Modules For long-term storage, it is recommended to store the modules in a standard warehouse with regular inspection, and under confirming of your personal safety, reinforce the package in a timely manner if any anomalies are found. Page 15 6 class wind (the modules should be less than 12 pieces).

Is a Trina Solar PV module ul1703 compliant?

The fire rating of a Trina Solar PV module is valid only when mounted in the manner specified in the mechanical mounting instructions of this installation manual. The module is considered to be in compliance with UL1703 only when the module is mounted in the manner specified by the mounting instructions below.

Can Trina Solar modules be installed in landscape or portrait orientation?

SITE SELECTION Trina Solar Modules can be mounted in landscape or portrait orientation however the impact of dirt shading the solar cells can be minimized by orienting the product in landscape. Solar module is recommended to be installed at an optimized tilt angle to maximize the energy output.

How to Mount Trina Solar modules?

Mounting rails run parallel to the long side frame. Trina Solar has tested its modules with a number of clamps from different manufacturers, it is recommended to use fixing bolt of at least M8. The clamp shall not be

malfunctioned due to deformation or corrosion during the loading process.

What temperature should Trina Solar modules be installed in?

Trina Solar recommends that the module should be installed in a working environment with an ambient temperature of  $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ , but not exceed the temperature limit of  $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ . The modules shall be installed in shadow-free areas throughout the year. Do not install the PV modules at a place where water damage may occur.

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### Downloadable Resources to Learn More about Solar ...

Downloads. 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 performance failures. A White Paper for ...

### TRINA SOLAR VERTEX SERIES USER MANUAL Pdf ...

The term "Module" or "PV Module" in this manual refers to one or more 210 Vertex series solar modules. Please retain this manual for future reference. Page 5 Do not stand, sit, walk, or jump directly on the module package or the ...



### Download Resources for Products & Solutions , Trina ...

(Refer to CSA Certificate for Latest UL61730) UL 61730 certification covers flat-plate photovoltaic panels and modules that comply with the National Electric Code, National Fire Prevention Association and Model Building Codes. ...

### Installation Manual Trina Solar , PDF , Photovoltaic System , Solar Panel

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as PDF File (.pdf), Text File (.txt) or read online for free. The installation, handling and use of Trina Solar Crystalline modules are beyond ...



### [Vertex 550W TSM-DEG19C.20](#)

The Vertex module is verified and confirmed to be compatible with mainstream inverters and tracking systems. The TrinaPro solution integrates Vertex modules with customized TrinaTracker systems, which can give full play to the Vertex ...



### [Vertex 500 w TSM-DE18M \(II\)](#)

The 600W+ Photovoltaic Open Innovation Ecological Alliance was announced on 14 July - a formation of 39 firms that aims to create a new collaborative and innovative ecosystem through open collaboration, synergizing the main ...



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UL 61730 certification covers flat-plate photovoltaic panels and modules that comply with the National Electric Code, National Fire Prevention Association and Model Building Codes. Download PDF. CGC Certification. Trina Solar ...

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