



The barcode on the Trina photovoltaic panel

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).

What happens if the trinasmart optimizer is connected to a PV module?

The Trinasmart Optimizer will start in the "on" state and its output voltage may be as high as the PV module open circuit voltage(Voc) when connected to the module. The installer should use the same caution when handling electrical cables from a PV module with or without the Trinasmart Optimizer attached.

How do I power on the trinasmart Module Optimizer?

The Trinasmart Module Optimizer is enclosed in a polycarbonate (non-metallic) box that does not require additional grounding. Once all of the Optimizers have been connected to their modules, return to the Management Unit and initiate the "Discovery and Power On" command, which will also power on the Optimizers (if they not powered on already).

How do I activate pvsafe on a trinasmart MMU?

Depress the latch to open the clear protective cover on the MMU and press the button labeled "PVSafe" on the Trinasmart Management Unit. When the PV-Safe button is activated, the MMU will display "PV-SAFE PRESSED" and "Requesting ..." to indicate the command has been sent to the Optimizers.

What happens if a gateway is not communicating with trinasmart optimizers?

If the Gateway is placed in a location that is not ideal for stable communication with the Trinasmart Optimizers, two messages will appear on the MMU display. The first will say "Panel Not Comm." and will provide a count of how many Optimizers out of the total in the array are not communicating with the Gateway (e.g. Panel Not Comm. 3/14).

Thus, the panel generates more energy overall. [Learn More](#). Lower degradation means a higher return on investment. With a guaranteed low degradation in the first year, the N-type has a lower LCOE (levelized cost of energy), to meet a ...

This 415 W Trina Solar solar panel also comes with a generous 25-year product warranty. A panel that can handle hail, wind and snow. The 1.18" frame made from anodized aluminum and a layer of protective tempered glass make this ...

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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](#)

Trina Solar Tallmax Solar Panel Warranty. Trina guarantees their module output to be at or above its nameplate wattage, and they back every module with a 10-year product and a 25-year ...

In the solar world, panel efficiency has traditionally been the factor most manufacturers strived to lead. However, over the last 3 to 4 years, a new battle emerged to develop the world's most powerful solar panel, with ...

Trina Solar 415W is a PV module that uses 144 half-cut cells manufactured using proven by time technologies. The model's reliability, high efficiency, PID resistance and high wattage make it a good choice for ...

Trina Solar is one of the biggest solar panel manufacturers in the world. Founded in 1997 in Changzhou, China, this company scaled the international markets quickly, and in 2006, it was listed on the New York Stock ...

Page 8: Site Selection And Angle. The tilt angle of the PV module refers to the angle between the module and the horizontal ground. The tilt angle shall be selected according to the local conditions for different projects. Trina Solar ...

