



FTMRS SOLAR

Can the size and specifications of solar panels be customized





Overview

What are the specifications of a solar panel?

The solar panel specifications include a minimum output voltage of 16.5 VDC and a maximum output voltage of 21 VDC. An external regulator is not required when connecting the solar panel, but ensure that the panel does not exceed these voltage specifications.

How much does it cost to design a custom solar panel?

There are no design fees to create a prototype of your custom solar panel. Some, but not most, designs may require a fee to prepare the machinery to create your specific panel at volume. Our MOQ is 500 - 2,000 units depending on the size of the panel.

Should I start a solar project with small Solar panels?

Prototype your project with small solar panels before moving forward with custom designs. This allows you to confirm the efficiency of the circuit and power production estimates before investing in a custom design.

How much power does a monocrystalline solar panel produce?

The more cell area, the more power is produced. For example, this monocrystalline panel on the left has 118 cm^2 of cell area (12 52mm x 19mm pieces) using 19.1% efficient cells and is rated for 2.3 Watts. The SunPower panel on the right has 129 cm^2 of cell area (18 50mm x 14.4mm pieces) using 23.1% efficient cells and is rated for 3.0 Watts.



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