

How to identify the serial number of photovoltaic panels

Where is the serial number on a PV module?

The serial number is the unique identifier of each PV module. A protected copy of the barcode is located on the front top-left corner under the glass and cannot be removed or damaged. The matching serial number is located on the frame and on the rear of the module.

How do I know if my PV modules have been shipped?

Before you unpack your modules, check the shipping label to ensure you received the right modules. Once you unpack your modules, check the module frame serial number and model label against the shipping label. The serial number is the unique identifier of each PV module.

What is UL Standard 1703 for photovoltaic modules & panels?

An addendum to UL Standard 1703 "Flat Plate Photovoltaic Modules and Panels" recommends metal combinations not exceed an electrochemical potential difference of 0.6 Volts. The frame rails have pre-drilled holes marked with a grounding sign. These holes should be used for grounding purposes and must not be used for mounting the modules.

What are the standard test conditions for photovoltaic modules?

Standard Test Conditions: 1000W/m² Irradiance, 25°C Cell Temperature and 1.5 Air Mass. Under normal conditions, the photovoltaic modules may experience conditions that produce more current and/or voltage than reported at Standard Test Conditions.

Which materials should be used to install photovoltaic modules?

JA Solar recommends that when installing modules at the seaside, stainless steel or aluminum materials should be used to contact the photovoltaic modules, and the installation parts should be well protected from corrosion. The tilt angle of the modules is measured between the surface of the modules and a horizontal ground surface.

How many digits are in a serial number?

The serial number has 16 digits. The 1st and the 2nd digits are the year code, and the 3th is the month code (A, B, C stands for October, November and December respectively). For example, 121PXXXXXXXXXXXXX means the module was assembled and tested in the January of 2012. Each module has only one bar code.

4) Click on the "module"/"panel" you want to know more about and you can find the serial number for that panel. To map it to your layout look at the X and Y values for placement. In my case I ...

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