

How to distinguish real and fake photovoltaic panels

How to tell if a solar panel is fake?

If you notice this fault on a solar panel, consider its quality and alignment are important. Each solar panel comes with a tempered glass panel. This glass panel protects the solar panel surface from scratch. You will notice some scratchon a fake solar panel because of this counterfeit material.

What are the disadvantages of fake solar panels?

Fake solar panels naturally come with substandard materials, and their outer protective coating is not so stable. It will be removed within a short time. The body of the panel can present the other visible defect easily. The alignment of a fake solar panel is not perfect. The connecting cells are misplaced or not connected perfectly.

Are counterfeit solar panels a good idea?

As solar energy continues to grow in popularity, the market has seen an increase in counterfeit solar panels. Identifying genuine solar panels is crucial to ensuring the longevity and efficiency of your solar power system.

Why is identifying genuine solar panels important?

Identifying genuine solar panels is crucial to ensuring the longevity and efficiency of your solar power system. This guide will help you understand the importance of verifying product authenticity and provide practical steps to avoid counterfeit products. Investing in genuine solar panels is essential for several reasons:

How do you know if a solar panel is genuine?

Check the Weight: Genuine solar panels have a certain weight due to the quality of materials used. Counterfeit panels may feel lighter. Inspect the Frame: The frame should be robust, with clean edges and no visible signs of tampering or poor workmanship. Examine the Junction Box: The junction box should be securely attached with proper seals.

How do I know if my solar panels are counterfeit?

Serial Number Verification:Contact the manufacturer directly to verify the serial numbers on the panels. Counterfeit solar panels can often be identified by the following signs: Suspiciously Low Prices: If the price seems too good to be true, it likely is. Inconsistent Branding: Look for mismatched logos, fonts, or colors on the branding.

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