



**SEAWARD**  
ELECTRICAL SAFETY TESTING  
& MEASURING.

## What is STC and why is it significant?

The STC test is a standard test for determining the performance of solar panels under standard test conditions (STC). It is a test that is performed under standard test conditions (STC) of 1000 W/m<sup>2</sup> irradiance, 25°C cell temperature, and 1.5 air mass (AM1.5) spectrum. The STC test is a standard test for determining the performance of solar panels under standard test conditions (STC). It is a test that is performed under standard test conditions (STC) of 1000 W/m<sup>2</sup> irradiance, 25°C cell temperature, and 1.5 air mass (AM1.5) spectrum. The STC test is a standard test for determining the performance of solar panels under standard test conditions (STC). It is a test that is performed under standard test conditions (STC) of 1000 W/m<sup>2</sup> irradiance, 25°C cell temperature, and 1.5 air mass (AM1.5) spectrum.

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