



SEAWARD
ELECTRICAL SAFETY TESTING
& MEASURING.

How does I-V curve tracing rank alongside other solar PV commissioning and periodic tests?

The installation of a solar PV system is a complex task that requires a high level of expertise and attention to detail. I-V curve tracing is a critical part of the commissioning process, as it allows the installer to verify the performance of the solar panels and the overall system. This test is performed by measuring the current and voltage of the solar panels under various conditions, such as different levels of irradiance and temperature. The results of the test are used to identify any issues with the panels or the system, and to ensure that the system is operating at its maximum efficiency. I-V curve tracing is also an important part of the periodic testing process, as it allows the installer to monitor the performance of the system over time and to identify any potential problems before they become major issues. In the UK, the MCS (Microgeneration Certification Scheme) requires that all solar PV systems be commissioned and tested according to specific standards, and that the installer provide a detailed report of the results of the tests. This report is used by the MCS to certify the system and to ensure that it meets the required standards. In summary, I-V curve tracing is a vital part of the solar PV commissioning and periodic testing process, and it is essential for ensuring the safety and performance of the system.

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