



SEAWARD
ELECTRICAL SAFETY TESTING
& MEASURING.

What happens if the irradiance changes during an I-V curve measurement?

Ideally, if the real life irradiance is constant, the I-V curve will be a straight line. However, in practice, the irradiance can change during the measurement. This is because the irradiance can change due to the sun moving or clouds passing over the solar panel. If the irradiance changes during the measurement, the I-V curve will be distorted. The shape of the I-V curve will be affected, and the maximum power point (MPP) will shift. This is why it is important to ensure that the irradiance is constant during the measurement. If the irradiance changes, the MPP will shift, and the power output of the solar panel will be lower than expected. Therefore, it is important to ensure that the irradiance is constant during the measurement. If the irradiance changes, the MPP will shift, and the power output of the solar panel will be lower than expected. Therefore, it is important to ensure that the irradiance is constant during the measurement.

If you require more help, please contact us at <https://www.seaward.com/de/enquiry/>.