



## How do I-V curve tracers work?

I-V curve tracers are specialist test equipment that measure the current and voltage of a PV module under test. The test is performed by applying a known voltage to the module and measuring the current. The test is then repeated at a range of voltages to produce a series of data points. These points are then plotted on a graph to produce an I-V curve. The I-V curve can then be used to calculate the maximum power point (MPP) of the module, which is the point at which the module is operating most efficiently. The MPP can then be used to calculate the power output of the module, which can be compared to the power output specified in the PV module specification.

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