What equipment is required for testing a solar PV installation?

The absolute minimum testing that needs to be undertaken involves continuity measurements, open circuit voltage, short circuit current, insulation and irradiance.

Other tests involving the use of I-V curve tracers, power analysers and thermal imaging cameras are not mandatory but may be regarded as useful to carry out certain diagnostic testing or to assess different performance parameters of the solar PV system.

It is therefore largely up to the installer to decide whether he wishes to purchase individual items of equipment or select one or possibly two instruments which provide a combination of tests to enable measurements to be taken in a fast, safe and efficient fashion.

If you require more help, please contact us at https://www.seaward.com/us/enquire/.