

NEW

SOL.Connect® PV-Module Meter

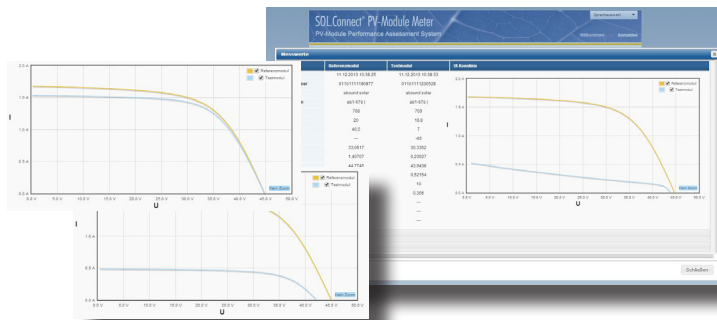
Portable PV-Module-Measuring System for one-site use

For investors, experts and service enterprises

In case of an underperforming PV system the operator is often obliged to send the PV modules to the manufacturer or to a laboratory for examination - a time-consuming and costly procedure! This is where the **SOL.Connect® PV-Module Meter** comes in, which provides straightforward module pre-sorting on-site.

The mobile measuring system traces the IU curves of both the test specimen and a reference module and by comparing both measurements it allows for plausible results regarding the electrical performance of the test module, even at moderate irradiation levels.

In the case of **new installations** or **sales of used modules**, the **SOL.Connect® PV-Module Meter** serves quality assurance and module valuation. All measuring data are recorded by the measuring system, which allows for professional reporting. The measuring data also may be called on to improve the accuracy of energy yield forecasts.



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Features

- Electrical performance assessment by comparative measurement
- High base precision by proven Fraunhofer IWES measuring technique
- Application of ::insel® algorithms to determine PV module parameters and detect measurement errors
- Non-contact module temperature measurement
- Fewer sources of error due to high grade of automation
- Testing of up to 30 PV modules per hour
- Module serial number and project administration
- Simple and safe operation via web interface on notebook
- Integrated module database (may be changed manually)
- Report generator, data export

Technology

- Measuring equipment in sturdy case
- ISET® mpp meter measuring card (range: 256V, 10A), calibrated by Fraunhofer IWES
- SOL.Connect® Center meter
- Power supply: 12 Vdc or mains, ca. 15W
- 1x ISET® Sensor reference cell
- 2x IR-temperature sensors
- measuring lead sets MC3/4, gold plated
- Barcode scanner to capture serial numbers
- Foldable and stable aluminum rack, folded dimensions ca. 1250mm x 400mm x 250mm
- Optional: Label printer to mark measured modules
- Made in Germany