



The new PCE-PVA 100 from PCE Instruments for testing individual solar modules and complete photovoltaic systems

The mobile photovoltaic meter can be used both for quality control of solar modules and for checking the radiation conditions for planned systems at the intended system location. In doing so, the PCE-PVA



100 and a test solar module can also be used to determine the optimum values for the alignment and the angle of inclination of the modules.

The LC display of the solar module tester has a size of 4.8 inches. This enables the clear graphical display of the measured values and the simultaneous display of the most important data as a numerical value. The graphical display of the measured values quickly shows whether a solar panel is heavily soiled or has defective cells. It is also possible to see in which areas the defective cells are distributed.

The meter's data memory allows the user to save the values of up to 100 measurements. The saved data can be transferred to a computer by a cable and processed there with the included software. While connected to the computer, the PCE-PVA 100 can also be operated via the software.

The most important features of the photovoltaic tester are:

- Measurement range current 0 ... 12 A DC
- Measurement range voltage 0 ... 60 V
- Autoscan across complete value range
- Scan across set value range
- Test for set current value
- Calculation of fill factor and efficiency for the tested module
- Switchable graphic view
- Data memory for 100 measurements
- PC interface for data transfer including PC software
- optional ISO calibration certificate



The PCE-PVA 100 is ideal for developers and manufacturers of solar modules as well as for planners and installers of photovoltaic systems and those entrusted with the maintenance and repair of existing systems.

More information can be found here:

https://www.pce-instruments.com/english/measuring-instruments/test-meters/photovoltaic-meter-kat_41564.htm

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