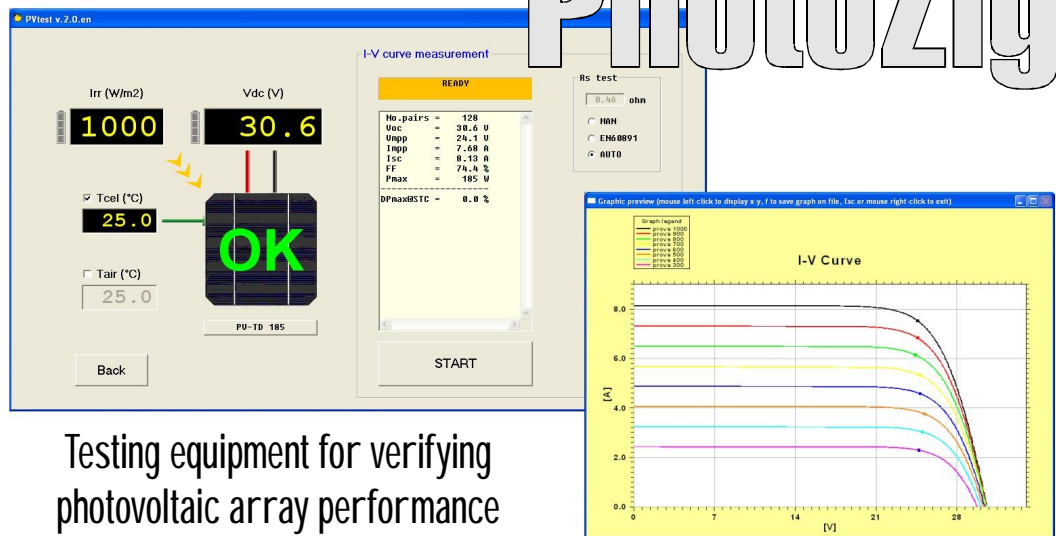


PhotoZig



Testing equipment for verifying photovoltaic array performance

Photozig is a portable test system designed to measure the current-voltage (I-V) curves of PV modules and strings. The measured curve is automatically normalized to standard reference conditions and compared to nominal data supplied by the module manufacturer, with an immediate response of the test.

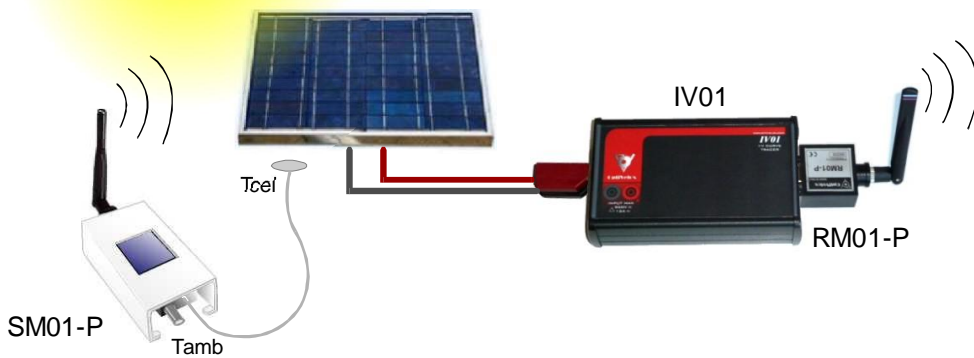
Measurement results can be easily saved and compared over time to evaluate the performance of modules and facilitate maintenance of the photovoltaic generator.

The use of newer technologies (wireless connections, high-speed converters, variable capacitive load) make Photozig an easy to use tool for high performance measurements. Finally, just add to Photozig the optional volt-amperometric clamps and it also becomes capable of testing the entire PV system, inverters included (Solarzig system).

Key Features:

- **I-V and P-V graphs of the module or strings under test with immediate OK/? final response. Automatic calculation of Voc, Isc, Vmpp, Impp, Pmax, FF, Rs, Rsh**
- **Full wireless system (irradiance sensor, temperature sensors and electric signals) for maximum safety and ease of installation**
- **Internal database with more than 3,000 PV modules parametrized**
- **Easy upgrade to Solarzig system for testing the performance of the entire PV system**
- **Automatic creation of pdf documents (test report)**

PhotoZig



PhotoZig: a full-wireless system for testing, maintenance and repair of PV arrays



Ordering codes:

Code	Name	Description
8802640	PhotoZig	Measurement system for PV arrays
8800011	-	PC Netbook with pre-loaded software

Code	Name	Description
9001305	DL02	Datalogger
8802780	SM01-P	Meteo Station with solarimeter and two temperature probes, radio modem RM01-P included
8802210	RM01-P	Radio Modem RM01-P with battery included
8802900	IV01	I-V Curve Tracer
8802424	-	MC4 adapter cable set (L=50 cm)
8802427	-	Test clips adapter cable set (L=50 cm)
8800006	-	AC power supply
5001350	-	Photozig Reference Guide
5200003	-	Software suite PVtest + PVreport
3200329	-	Carrying case

The detailed characteristics of each device are shown in the respective data sheets.



 OptiVeloX

Under a policy of continuous improvement, OptiVeloX reserves the right to make unannounced changes to the specifications of the products described in this document.

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