



PV installation tester with IV curve

The EazyPV Curve combines all electrical PV testing functions, according to the EN 62446 standard, in one safe and convenient tester. By adding the I-V curve, the tester becomes a general purpose general purpose PV analysis tool.

The EazyPV Curve determines in a simple way the quality of a of a PV system by determining the fill factor of the I-V curve.

With the help of the Solar Strength Meter the data can be converted to standard test conditions (STD). This is done in the supplied SolarCerts software. This makes it possible to values can be compared with the data published by the manufacturer.

Features

- All-in-one tests for commissioning and I-V curve tracing
- Automatic filling factor calculation of the I-V curve
- Execution of insulation resistance measurement (Riso)
- Performance of earth line resistance measurement (Rpe)
- Measurement of short circuit current (Isc)
- Measurement of open circuit voltage (Uoc)
- PV link download software (included)
- SolarCerts software for analyzing the I-V curve
- Measuring current and power

The following parameters can be linked wirelessly with the EazyPV curve:

- Solar power (W/m²)
- Panel temperature and outside temperature





Specifications

Functions

Functions	Range
Ground fault measurement Test current 2 Ω Range (EN 61557-4)	> 200 mA 0.05 Ω...199 Ω
Ground fault measurement Test current 2 Ω Range (EN 61557-4)	250, 500, 1000 VDC 0.05 MΩ...199 MΩ
Open circuit voltage measurement (with PV connections) Display	0.0 VDC...1000 VDC
Short circuit current (with PV connections) Display	0.00...15 A DC
Current measurement (with AC/DC current clamp) Display	0.1 A...40.0 A
Power measurement Display	0.05 W...40.0 kW
Rpe voltage measurement (4 mm connections) Voltage	30 V...440 VDC 30 V...440 VAC 50/60 Hz

General

Overvoltage category	CAT III 300 V
Standard	EN 61010-1, EN 62446
Supply	6x AA batteries
Dimensions	264 x 107 x 58 mm
Weight	1.0 kg



Including

- EasyPV curve
- IRM Irradiance meter and temperature probe
- Convenient mounting bracket for IRM irradiance meter
- AC / DC current clamp
- 2x MC4 test lead adapters
- 2x MC4 to 4 mm test leads with detachable alligator jaws
- 2x test leads with test probes and detachable alligator clips (4 mm)
- Carrying bag
- Quickstart guide
- Calibration certificate (EasyPV)
- SolarCert PC software