



I-V600

Advanced multifunction instrument for I-V curve measurements up to 1500V and 40A

CODMETEL: HVOIV600

I-V600

I-V curve tracer for maintenance and troubleshooting of photovoltaic systems up to 1500V and 40A

Performs tests and measurements on PV modules using the most widespread technologies, including the latest high-efficiency models*

- ✓ I-V curve tracing of mono-facial and bi-facial PV modules and strings up to 1500V/40A according to IEC/EN60891
- ✓ SOLAR03 remote unit with Bluetooth connection
- ✓ Up to 3 reference cells to measure front-side and rear-side radiation according to IEC TS 60904-1-2
- ✓ Database of over 30,000 photovoltaic modules manageable via connection with the new HT AGORÀ software (downloadable in the Download Area)
- ✓ Measurement throughput up to 6.5 MW/hr with NO cool-down required, independently on the environmental temperature

I-V600 allows **field tracing of I-V curve** of modules and strings up to **1500V and 40A**. Once traced the I-V curve, thanks to the **user updatable database of modules**, I-V600 compares the measured data to the nominal values as provided by the manufacturer of the module/string under test to return a clear **OK/NOT OK** response. Communication to the remote unit SOLAR-03 is granted up to 100m (in free field), and the logging function in case the communication was impossible (obstacles such as floor, concrete structures, etc.), it is always possible to trace the I-V curve regardless the environment the installation is in.

I-V600 traces the I-V curve of **mono-facial and bi-facial modules**. According to IEC technical specification TS 60904-1-2, in addition to the front-side radiation, I-V600 measures the back-side radiation by two different sensors (to consider the rear side irradiance non-uniformity).

I-V600 drives up to 3 solar radiation reference cells, but no more tons of parameters to set and high risk of misconfiguration. I-V600 **automatically recognizes** the calibration parameters of the reference cells connected.

Running out of battery power is every professional's worst nightmare. Finding yourself without battery power in the middle of nowhere with a job to be delivered within hours would put anyone in trouble.

*please refer to the user manual and the technical specifications of the device