

PV Analyzer (60V, 6A) PROVA 200A

Features:

- **I-V curve** test for solar panel/module
- Max. solar panel power (Pmax) search by auto-scan: **60V, 6A (180W** capability)
- Best resolution: **1mV, 0.1mA**
- **Manual single point** I-V test
- Max. voltage (Vmaxp) at Pmax
- Max. current (Imaxp) at Pmax
- Voltage at open circuit (Vopen)
- Current at short circuit (Ishort)
- I-V curve with cursor to display each data point
- **Efficiency (%)** calculation of solar panel
- Solar panel **area** setting: 0.001 m² ~ 9999 m²
- Standard **light source** setting: 10 W/m² ~ 1000 W/m²
- Communicate with PC via **USB cable**
- Rechargeable **lithium battery** : 11.1V 1600mAh x 1pc.
- Memory size: **100 records**



CE CAT I 60V

Electrical Specifications:

(23°C ± 5°C, four-wire measurement, the max. power limit is 180W)

DC Voltage Measurement:

Range	Resolution	Accuracy of Reading
0 ~ 6 V	0.001 V	±1% ± (1% of Vopen ± 9mV)
6 ~ 10 V	0.001 V	±1% ± (1% of Vopen ± 0.09V)
10 ~ 60 V	0.01 V	

Vopen: open circuit voltage of solar cell or module.

DC Current Measurement:

Range	Resolution	Accuracy of Reading
0.01 ~ 0.6 A	0.1 mA	±1% ± (1% of Ishort ± 0.9mA)
0.6 ~ 1 A	0.1 mA	±1% ± (1% of Ishort ± 9mA)
1 ~ 6 A	1 mA	

Ishort: short circuit current of solar cell or module.

Internal Resistance at Ishort: 0.05 Ohm.

DC Current Simulation*

Range	Resolution	Accuracy of Reading
0.01 ~ 1 A	0.1 mA	±1% ± 0.9mA
1 ~ 6 A	1 mA	±1% ± 9mA