

elejoy

SOLAR PANEL MULTIMETER
User manual

Model:EY1600W



1 PRODUCT FUNCTION

This solar panel multimeter can test the maximum power point and open-circuit voltage.

2 USE OBJECT

- Solar panel manufacturer
- Solar panel distributor
- Solar panel installer
- Solar panel user
- Solar panel fans

3 PRODUCT FEATURE

- AUTO MPPT detection
- Manual MPPT detection
- Over-voltage, over-temperature, over-current protection
- Solar panel reverse connection protection
- Over rated power protection
- No additional power supply required

4 SHAPE STRUCTURE



5 ACCESSORIES



MC4 connecting cable Alligator clip cable EVA toolkit

6 AUTO MPPT DETECTION

When pressing the [AUTO MPPT] test button, the multimeter automatically adjusts the test interval time according to the current power value and refreshes the digital display.
Example: When the solar panel power is 100W, refresh once every 5S; when the solar panel power is 350W, refresh once every 15S. when the solar panel power is 700W, refresh once every 30S.

7 MANUAL MPPT DETECTION

When pressing the [manual MPPT] test button, the multimeter starts a scan of the maximum power point and refreshes the digital-display, and keep the last test results.

8 OPEN-CIRCUIT VOLTAGE DETECTION

When the multimeter is working, the LCD will display the open-circuit voltage of the solar panel in real time.

9 ATTENTION

- Please be sure to use this product within the rated voltage & current power range.
- Please be sure to disconnect the solar panel from other equipment or loads before testing.

10 TECHNICAL DATA

Product name	Solar panel multimeter
Model	EY1600W
Power	5-1600W
Voltage	12-60V
Current	0-60A
Power supply mode	Solar panel power supply
Packing	EVA package
Dimensions	165×80×30 mm
Weight	470G
Package QTY/carton	10 PCS
Package weight	4.8KGS
Carton size	335X275X205MM

11 DETAIL PACKAGE

Solar panel multimeter	1
MC4 connecting cable	1
Alligator clip cable	1
EVA toolkit	1
User manual	1

12 TROUBLESHOOTING

ERROR	CAUSE	EXPLANATION
No display	Reverse connection protection	Please check the input polarity
Display over power	Over rated power	Using within the rated power range of the multimeter
Display over temperature	Over-temperature protection	To be used after cooling
Display over voltage	Over-voltage protection	Using within the rated voltage range of the multimeter
Display over current	Over-current protection	Using within the rated current range of the multimeter

Note: if you cannot solve the problems, please contact us freely.

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