



Module Compatibility Calculator

V1.3_2025.10 for USA 

Use this solar calculator/compatibility calculator to help determine the electrical compatibility of PV modules with APsystems microinverters.

[Print Results](#)

Solar Module Basic Information Input

Please make sure that the below input data is consistent with the parameter table provided by the module manufacturer. Please use the data at STC (Standard Test Conditions).

Voc(Voltage at Open Circuit)* V

Vmp(Voltage at Maximum Power)* V

Isc(Short Circuit Current)* A

Temperature Coefficient of Isc* %/°C 

Temperature Coefficient of Voc* %/°C 

Please enter the local air temperature at the installation site. The ASHRAE Handbook is the recommended source for weather data in a particular location.

Maximum local temperature* °C

Minimum local temperature* °C

☒ Please ensure that the parameters provided are accurate and valid. APsystems cannot be held responsible for any data provided by the user. 

[Check Compatibility](#)

Compatibility Results

Product	Voc at Highest Temp 51.62 V	Voc at Lowest Temp 52.57 V	Vmp at Highest Temp 43.45 V	Vmp at Lowest Temp 44.25 V	Isc at Highest Temp 14.45 A	Compatible
EZ1-LV	✓	✓	✓	✓	✓	Y

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