

140W Solar module

No.ESP140



THE CUSTOM DESIGN:

The left picture shows the format of this solar module. It could be changed according to the need of customer or designer. All the figures and parameters rely on the actual need of user.

SPECIFICATIONS*

Peak Power:	140Watts (day time with fully sun shine)
Open Voltage Circuit (Voc):	44V
Max. Power Voltage (Vmp):	35V
Max. Power Current (Imp):	4A
Short Circuit Current (Isc):	4.4A
Cells in series:	72pcs
Nominal working temperature:	$43 \pm 2^{\circ}\text{C}$
Dimensions:	Less 1580mm \times 810mm \times 48mm
Installation:	Solar panel face directly to the sun
Weight:	Less than 15KGS
Working life:	More than 25 years

Note:

- 1 Standard testing condition: 25°C , AM1.5 spectrum, $1000\text{W}/\text{m}^2$ irradiance
- 2 Insulation $\geq 100\text{M}\Omega$
- 3 Voltage standoff: AC 2000V, DC 3000V
- 4 Wind pressure: 60m/s ($200\text{kg}/\text{m}^2$)

*Figures would be changed depending on the final design.

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