

100W Solar module

No.ESP100



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:	100Watts (day time with fully sun shine)
Open Voltage Circuit (Voc):	21.5V
Max. Power Voltage (Vmp):	17.5V
Max. Power Current (Imp):	5.71A
Short Circuit Current (Isc):	6.29A
Cells in series:	36pcs
Nominal working temperature:	$43 \pm 2^{\circ}\text{C}$
Dimensions:	Less 1454mm \times 670mm \times 40mm
Installation:	Solar panel face directly to the sun
Weight:	Less than 13.8KGS
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.