

# TECHNICAL DATA SHEET

## PS15M



### Technical Data

Type	PS15M
Type of Solar Cell	Mono-crystalline, 125mm×125mm
Number of Cells	36 pcs ( 20.8×125)
Size of module	445×296×25mm ( 125×125mm cell)
Module, Weight	2.5 kg
Connector / Cross-Section	Cixi Renhe
Cables, Length (+/-)	Customizable
Front Cover Glass	Safety Glass
Front Cover Glass, Thickness	3.2 mm
Frame	Anodized Aluminium

### Electrical Data

Maximum Power	$P_{MPP\ STC}$	15 W
Power Tolerance	$\Delta_{STC}$	± 2%
Maximum Power Voltage	$U_{MPP\ STC}$	16.8 V
Maximum Power Current	$I_{MPP\ STC}$	0.89 A
Open Circuit Voltage	$U_{OC\ STC}$	21.0 V
Short Circuit Current	$I_{SC\ STC}$	1.02 A
Cell Efficiency	$\eta_{STC}$	16.8 %
Maximum System Voltage	$U_{DC}$	700 V

STC: Irradiance 1000 W/m<sup>2</sup>; Spectrum AM 1,5; Cell Temperature 25°C, Wind 0 m/s

### Temperature Coefficients

Power Coefficient	$\alpha_k (P_{MPP})$	- 0.45 %/K
Voltage Coefficient	$\beta_k (U_{OC})$	- 0.35 %/K
Current Coefficient	$\phi_k (I_{SC})$	0.065 ± 0.015 %/K

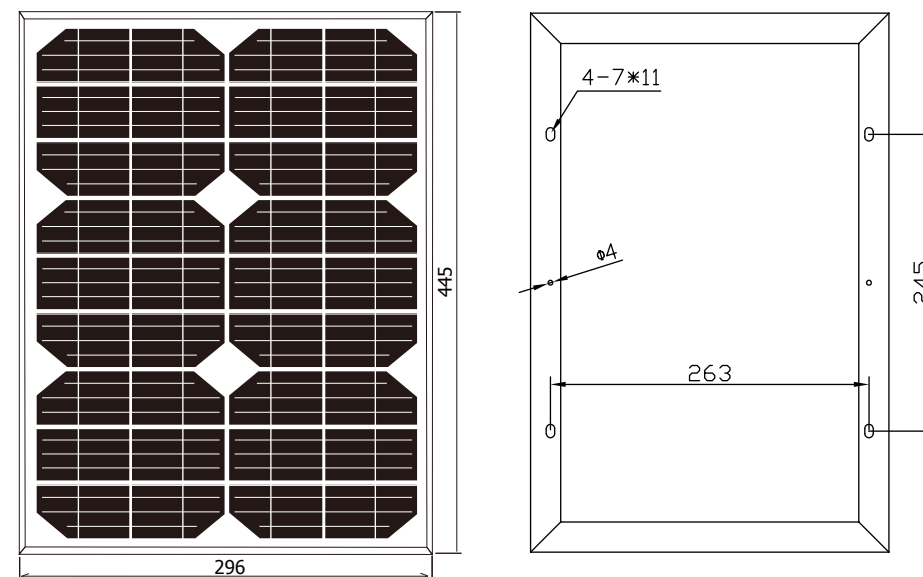
### Power Warranty

10 years performance warranty to 90 %

25 years performance warranty to 80 %

5 years warranty against production and material defects

### Engineering Drawing



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