

TECHNICAL DATA SHEET

PS65M、PS70M



Technical Data

Type	PS 65M	PS70M
Type of Solar Cell	Mono-crystalline, 125mm×125mm	
Number of Cells	36 pcs	
Size of module	1195×550×30mm (125×125mm cell)	
Module, Weight	8 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	$P_{MPP\ STC}$	65 W	70 W
Power Tolerance	Δ_{STC}	± 2%	± 2%
Maximum Power Voltage	$U_{MPP\ STC}$	17 V	17 V
Maximum Power Current	$I_{MPP\ STC}$	3.82 A	4.12 A
Open Circuit Voltage	$U_{OC\ STC}$	21.1 V	21.2 V
Short Circuit Current	$I_{SC\ STC}$	4.27 A	4.59 A
Cell Efficiency	η_{STC}	12.2%	13.1%
Maximum System Voltage	U_{DC}	700 V	700 V

STC: Irradiance 1000 W/m²; 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

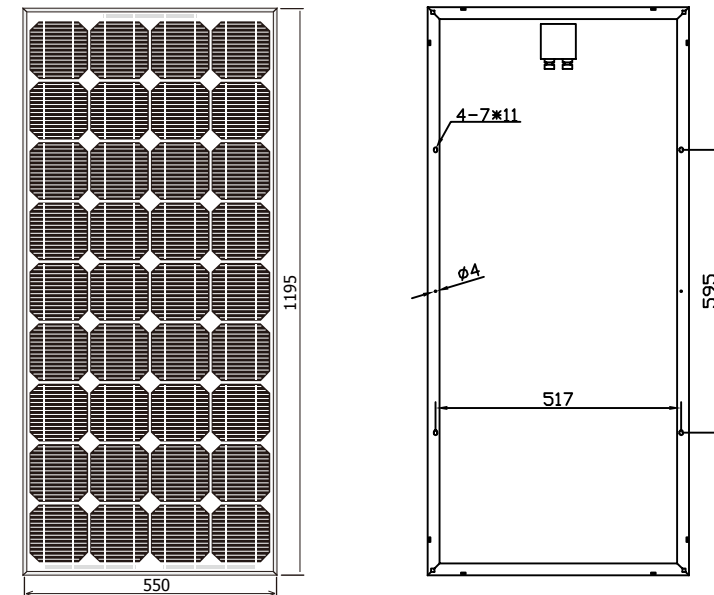
Power Warranty

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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