

TECHNICAL DATA SHEET

FSP672-310W,315W,320W,325W



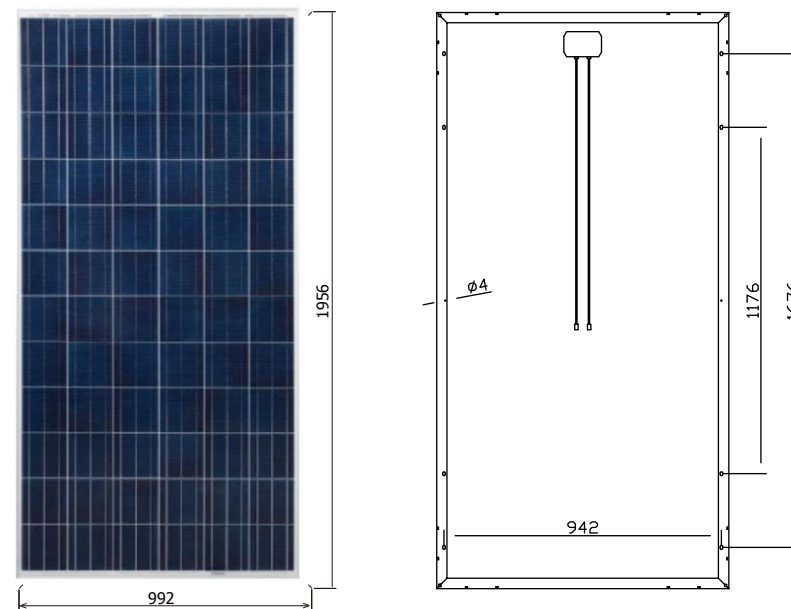
Technical Data

Type	FSP672-310W,315W,320W,325W
Type of Solar Cell	Poly-crystalline, 156mm×156mm
Number of Cells	72 pcs
Size of module	1956×992×40mm (156×156mm cell)
Module, Weight	23 kg
Connector / Cross-Section	Cixi Renhe, TOP
Cables, Length (+/-)	900 mm
Front Cover Glass	Safety Glass
Front Cover Glass, Thickness	3.2 mm
Frame	Anodized Aluminium

Electrical Data

	$P_{MPP\ STC}$	310 W	315 W	320 W	325 W
Maximum Power	$P_{MPP\ STC}$	310 W	315 W	320 W	325 W
Power Tolerance	Δ_{STC}	+3%	+3%	+3%	+3%
Maximum Power Voltage	$U_{MPP\ STC}$	36.7 V	36.8 V	37.0 V	37.2 V
Maximum Power Current	$I_{MPP\ STC}$	8.44 A	8.56 A	8.65 A	8.74 A
Open Circuit Voltage	$U_{OC\ STC}$	45.4 V	45.8 V	46.0 V	46.3 V
Short Circuit Current	$I_{SC\ STC}$	9.10 A	9.17 A	9.27 A	9.38 A
Module Efficiency	η_{STC}	16.00 %	16.30 %	16.50 %	16.80 %
Maximum System Voltage	U_{DC}	1000V	1000V	1000V	1000V

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 %
- 12 years warranty against production and material defects

Certifications

IEC 61215, IEC 61730 ,TUV, CE, ISO9001:2000

