

# TECHNICAL DATA SHEET

## FSM330W,335W,340W,345W,350W



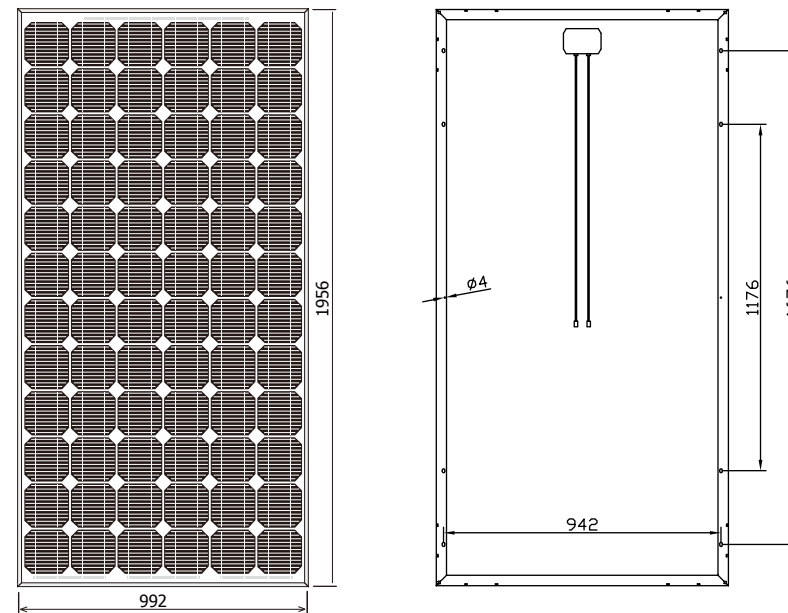
### Technical Data

Type	FSM330W,335W,340W,345W,350W
Type of Solar Cell	Mono-crystalline, 156mm×156mm
Number of Cells	72 pcs
Size of module	1956×992×40mm ( 156×156mm cell)
Module, Weight	22.5 kg
Connector / Cross-Section	Cixi Renhe
Cables, Length (+/-)	900 mm
Front Cover Glass	Safety Glass
Front Cover Glass, Thickness	3.2 mm
Frame	Anodized Aluminium

### Electrical Data

		330 W	335 W	340 W	345 W	350 W
Maximum Power	$P_{MPP,STC}$	330 W	335 W	340 W	345 W	350 W
Power Tolerance	$\Delta_{STC}$	+3%	+3%	+3%	+3%	+3%
Maximum Power Voltage	$U_{MPP,STC}$	37.5 V	37.6 V	37.7 V	37.8 V	37.8 V
Maximum Power Current	$I_{MPP,STC}$	8.80 A	8.91 A	9.02 A	9.13 A	9.26 A
Open Circuit Voltage	$U_{OC,STC}$	46.6 V	46.6 V	46.6 V	46.7 V	46.8 V
Short Circuit Current	$I_{SC,STC}$	9.85 A	9.87 A	9.90 A	9.92 A	9.93 A
Module Efficiency	$\eta_{STC}$	17.0 %	17.26 %	17.52 %	17.78 %	18.05 %
Maximum System Voltage	$U_{DC}$	1000V	1000V	1000V	1000V	1000V

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 %
- 10 years warranty against production and material defects

### Certifications

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

