

PV-MTFG-85



Electrical data *

Maximum power	Pmax	85 Wp
Voltage at maximum power point	Vmpp	77.0 V
Current at maximum power point	Impp	1.10 A
Open circuit voltage	Voc	96.0 V
Short circuit current	Isc	1.40 A



Dimensions and weights

Area	1.43 m ²
Dimensions	1299 x 1099 mm
Thickness with supporting rail	35 mm
Weight with supporting rail	approx. 30 kg

Characteristic data

Solar cell type	Amorphous silicon
Cells per module	N/A
Connections (optional)	MC-4 Type JB With 4.0 mm ² , 150 cm cables x 1

CERTIFICATION

- ✧ IEC 61646
- ✧ IEC 61730

Temperature coefficient

Maximum power	Tk (Pmx)	-0.20 %/°C
Open circuit voltage	Tk (Voc)	-0.30 %/°C
Short circuit current	Tk (Isc)	+0.10 %/°C
Nominal Operating Cell Temp	NOCT	48 °C

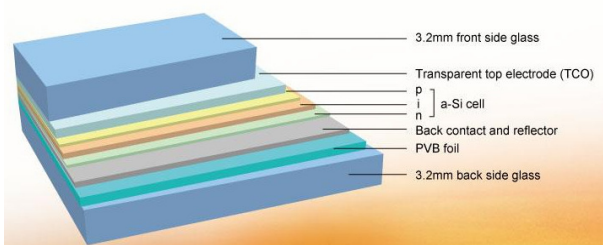
WARRANTY:

- ✧ Product defect
2 years
- ✧ Performance
90% in 10 yrs
80% in 20 yrs

Limits

Maximum system voltage	1000 V _{DC}
Operating module temperature	-40 ~ +85 °C
Mechanical loading	2400 Pa

Cross-section



*Under standard test

conditions (STC):

- irradiance of 1000 W/m²
- spectrum of AM 1.5
- module temperature 25 °C