

PV-MTFS-100



Electrical data *

Maximum power	Pmax	100 Wp
Voltage at maximum power point	Vmpp	99.0 V
Current at maximum power point	Impp	1.01 A
Open circuit voltage	Voc	128 V
Short circuit current	Isc	1.24 A



Dimensions and weights

Area	1.54 m ²
Dimensions	1414 x 1114 mm
Thickness with frame	35 mm
Weight	approx. 21 kg

Characteristic data

Solar cell type	Amorphous silicon
Cells per module	N/A
Connections	MC-3 compatible JB With 90 cm cables x 2

CERTIFICATION

- ✧ IEC 61646
- ✧ IEC 61730

Temperature coefficient

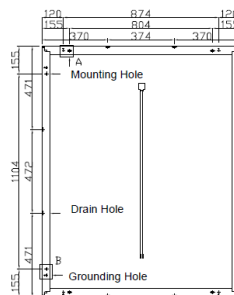
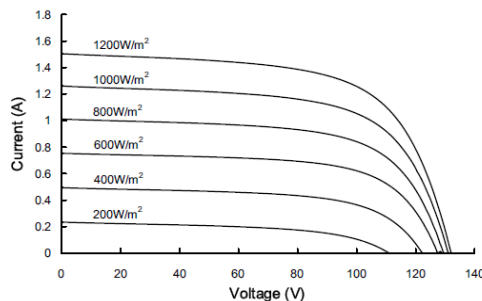
Maximum power	Tk (Pmx)	-0.20 %/°C
Open circuit voltage	Tk (Voc)	-0.30 %/°C
Short circuit current	Tk (Isc)	+0.09 %/°C
Nominal Operating Cell Temp	NOCT	48 °C

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



*Under standard test conditions (STC):

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