

PV-MMOE-85

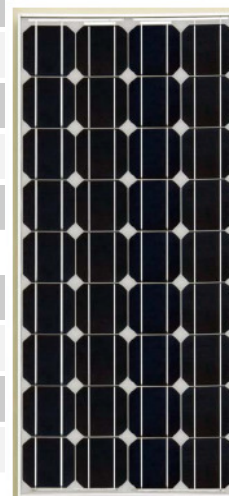


Electrical data *

Maximum power	Pmax	85	90
Voltage at maximum power point	Vmpp	18.2	18.4
Current at maximum power point	Impp	4.70	4.91
Open circuit voltage	Voc	22.0	22.3
Short circuit current	Isc	5.10	5.4

Dimensions and weights

Area	0.67 m ²
Dimensions	1206 x 552 mm
Thickness with frame	35 mm
Weight	approx. 7.6 kg



Characteristic data

Solar cell type	Monocrystalline silicon
Cells per module	36 (4x9 matrix connected in series)
Connections	MC compatible type JB With 4.0 mm ² cables x 2

CERTIFICATION

- ✦ IEC 61215
- ✦ IEC 61730

Temperature coefficient

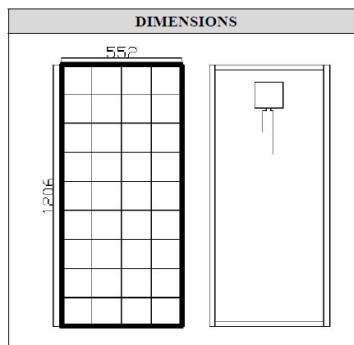
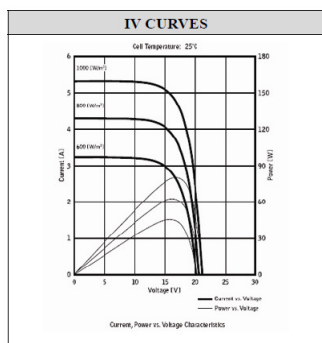
Maximum power	Tk (Pmx)	-0.40 %/°C
Open circuit voltage	Tk (Voc)	-0.34 %/°C
Short circuit current	Tk (Isc)	+0.06 %/°C
Nominal Operating Cell Temp	NOCT	47 °C

WARRANTY:

- ✦ Product defect
5 years
- ✦ Performance
90% in 10 yrs
80% in 25 yrs

Limits

Maximum system voltage	1000 V _{DC}
Operating module temperature	-40 ~ +85 °C
Mechanical loading	3600 Pa



*Under standard test

conditions (STC):

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