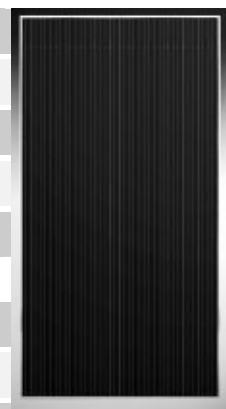


# PV-MTFK-42



## Electrical data \*

Maximum power	Pmax	45	42	40
Voltage at maximum power point	Vmpp	45.3	44.0	44.6
Current at maximum power point	Impp	1.00	0.96	0.91
Open circuit voltage	Voc	61.1	59.4	60.7
Short circuit current	Isc	1.28	1.31	1.21



## Dimensions and weights

Area	0.89 m <sup>2</sup>
Dimensions	1397 x 635 mm
Thickness (with JB)	7 (20) mm
Weight with supporting rail	approx. 15 kg

## Characteristic data

Solar cell type	Amorphous silicon
Cells per module	N/A
Connections (optional)	MC-4 or LEATEC Type JB With 2.5 mm <sup>2</sup> , 45 cm cables x 2

## CERTIFICATION

✧ CE

## Temperature coefficient

Maximum power	Tk (Pmx)	-0.29 %/°C
Open circuit voltage	Tk (Voc)	-0.35 %/°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 <sub>DC</sub>
Operating module temperature	-40 ~ +85 °C
Mechanical loading	2400 Pa

\*Under standard test conditions (STC):

- irradiance of 1000 W/m<sup>2</sup>
- spectrum of AM 1.5
- module temperature 25 °C