

# CIS solar module 150W

WSF0002E150

## FEATURES

- CIS solar module for connection in series
- Good energy yield through outstanding temperature behaviour
- Glass-glass construction provides a high level of protection against environmental influences
- Black anodised aluminium frame
- 20-year power output guarantee
- Made in Japan

## TECHNICAL DATA

Electrical data in STC	
Nominal output according to STC	150 W
MPP voltage (Umpp)	79 V
Current at max. capacity (Impp)	1.9 A
Open circuit voltage (Uoc)	110 V
Short circuit current (Isc)	2.1 A

Electrical data at NOCT	
Nominal capacity according to NOCT	109 W
MPP voltage (Umpp)	74.5 V
Open circuit voltage (Uoc)	98.7 V
Short circuit current (Isc)	1.66 A

Systems	
Maximum Voltage systems	1,000 V
Performance tolerance	-5 / +10 %
Reverse current stability	3 x Isc
Temperature coefficient (Pmpp)	-0.31 % / °C
Temperature coefficient (Voc)	-0.3 % / °C
Temperature coefficient (Isc)	0.01 % / °C
Cell material	CIS
Cell technology	CIS
Frame height	35 mm
Max. surface pressure	2.4 kN/m <sup>2</sup>
Ambient operating temperature	-40 ... +85 °C
Weight	20 kg
Dimensions (W x L x D)	977 x 1,257 x 35 mm

Electrical data under standard test conditions (STC): I=1,000 W/m<sup>2</sup>, AM 1.5, Tu=25°C  
 Cell operating temperature (NOCT): I=800 W/m<sup>2</sup>, Tu=20°C, Vw =1 m/s

We reserve the right to make technical and product changes.  
 Illustrations may differ from actual product.

