

# GeneCIS solar module 80W

WSG0036E080

## FEATURES

- GeneCIS solar module for connection in series
- Optimum energy yield through outstanding temperature and low-light behaviour
- A homogenous black surface provides an attractive appearance
- Glass-glass construction provides a high level of protection against environmental influences
- Black anodised aluminium frame
- 20-year power output guarantee
- Made in Germany (Würth Solar)

## TECHNICAL DATA

Electrical data in STC	
Nominal output according to STC	80 W
MPP voltage (Umpp)	35 V
Current at max. capacity (Impp)	2.29 A
Open circuit voltage (Uoc)	44 V
Short circuit current (Isc)	2.5 A

Electrical data at NOCT	
NOCT	47 (+/- 3) °C

Systems	
Maximum Voltage systems	1,000 V
Performance tolerance	-2 / +5 %
Reverse current stability	3 x Isc
SysUoc, open circuit voltage (Uoc) at -10 °C	48.5 V
MPP voltage (Umpp) at 70 °C	29.5 V
Temperature coefficient (Pmpp)	-0.36 % / °C
Temperature coefficient (Voc)	-0.29 % / °C
Temperature coefficient (Isc)	0.05 % / °C
Cell material	CIS
Cell technology	CIS
Mechanical assembly	Glass-glass module with black anodised aluminium frame
Front cover	White glass
Framing	Aluminium frame with inner groove
Frame height	35 mm
Max. distortion	1.2 °
Max. surface pressure	2,400 N/m <sup>2</sup>
DC connection	MC4 plug connector
Ambient operating temperature	-40 ... +85 °C
Weight	12.71 kg
Dimensions (W x L x D)	605 x 1,205 x 35 mm

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

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