

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 (U _{mpp})	35 V
Current at max. capacity (I _{mpp})	2.29 A
Open circuit voltage (U _{oc})	44 V
Short circuit current (I _{sc})	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 I _{sc}
SysU _{oc} , open circuit voltage (U _{oc}) at -10 °C	48.5 V
MPP voltage (U _{mpp}) at 70 °C	29.5 V
Temperature coefficient (P _{mpp})	-0.36 % / °C
Temperature coefficient (V _{oc})	-0.29 % / °C
Temperature coefficient (I _{sc})	0.05 % / °C
Cell material	CIS
Cell technology	CIS
Mechanical assembly	Glass-glass module with black anodised aluminium frame
Frame height	35 mm
Max. distortion	1.2 °
Max. surface pressure	2,400 N/m ²
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/m², AM 1.5, T_u=25°C
 Cell operating temperature (NOCT): I=800 W/m², T_u=20°C, V_w =1 m/s

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

