



## SON\_GG POLY

Module with 60 polycrystalline cells,  
black frame

Since 1996, we have been developing and manufacturing high-grade photovoltaic modules for building integration and conventional uses. The roots of the company go very far back: The company founders came from AEG-Solartechnik, which had already constructed one of the first PV production lines by the 1980s.

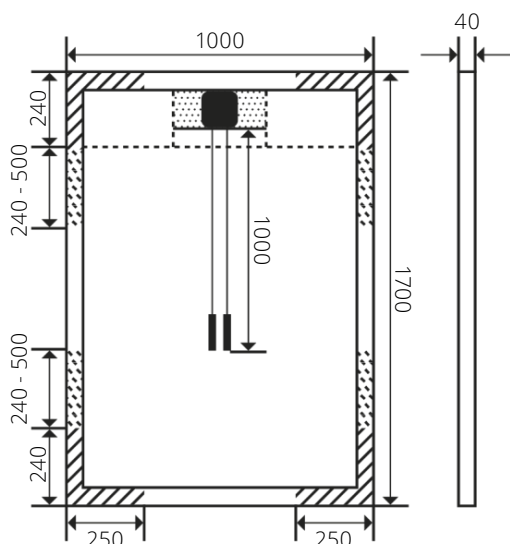
Our decades of experience allow us to achieve high standards in our work and ensure the reliability, performance and a consistent high quality for each individual module.

As a result, our customers reap the benefits, in particular from higher expected yields.

- \* Front glass with special anti-reflection coating
- \* Only positive performance tolerances
- \* High-grade materials and strict quality controls

### TYPES AND ELECTRICAL DATA<sup>1</sup>

Name	I <sub>sc</sub> (A)	I <sub>mpp</sub> (A)	U <sub>oc</sub> (V)	U <sub>mpp</sub> (V)	P <sub>max</sub> (W)	Tolerance (W)
SON 260 GG POLY	9,18	8,56	38,08	30,57	<b>260</b>	0/+4,99



#### Clamping areas

Release up to 2400 Pa  
Release up to 5400 Pa

Contact between box and mounting profile in this area is not allowed

## DIMENSIONS AND WEIGHT

Width x height: 1 000 mm x 1 700 mm  
Frame height: 40 mm  
Weight: 23 ± 0,5 kg

## STRUCTURE

Glas: 2 x 2 mm scratch resistant thermally hardened solar glass  
Front: anti-reflection coated  
Back: semitransparent  
Layout: 60 polycrystalline high performance cells  
Frame: Aluminum, anodized

## TEMPERATURE COEFFICIENTS

Output: -0,42 %/K  
Open circuit voltage: -0,315 %/K  
Short-circuit current: +0,04 %/K

## CONNECTION

Junction box: IP67 with integrated bypass diodes  
Plug: IP68  
Bypass diodes: 3 pcs. (in junction box)

## ELECTRICAL PARAMETERS

NOCT<sup>2</sup>: 46 ± 2 °C

## THRESHOLD VALUES

Maximum system voltage: 1 000 V<sub>DC</sub>  
Reverse current load capacity: 15 A  
Max. load<sup>3</sup>: 5 400 Pa



Additional information:  
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<sup>1</sup> Typical values under standard test conditions (STC):  
1 000 W/m<sup>2</sup> irradiation at the module level,  
Spectrum AM 1,5 and 25 °C cell temperature  
Power measurement tolerance (P<sub>max</sub>): ±3,5%

<sup>2</sup> Normal operating cell temperature (NOCT)

<sup>3</sup> Maximum load in accordance with IEC 61215  
Clamping areas must be observed



Quality management system  
certified in accordance with ISO 9001:2008

The solarnova warranty conditions current at the time of installation apply. Professional assembly in accordance with the applicable installation instructions is required for warranty to apply.  
Errors and changes excepted. © solarnova 04/2017

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