



SOL_GT TRANSLUCENT

Module with 60 respectively 45 monocrystalline cells, frameless and translucent backsheet.

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.

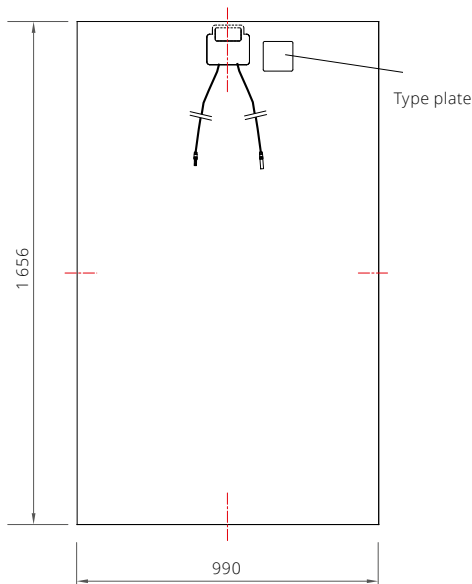
Our decades of experience allow us to achieve high standards in our work and ensure the reliability, performance, and a consistent high quality for each individual module.

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

- * Front glass with special anti-reflection coating
- * variable cell distribution and glass dimensions
- * High-grade materials and strict quality controls

TYPES AND ELECTRICAL DATA¹

Name	Cells	Isc (A)	Impp (A)	Uoc (V)	Umpp (V)	Pmpp (W)	Tolerance (W)
SOL_GT 11 % translucent	60	9,60	9,15	39,30	31,70	290	+/-5
SOL_GT 33 % translucent	45	9,60	9,15	29,50	23,80	217	+/-5



DIMENSIONS AND WEIGHT

Width x height²: 990 mm x 1 656 mm
 Laminate thickness: 4,4 mm
 Weight: approx. 15,8 kg

STRUCTURE

Front: 3,2 mm toughened clear glass with anti-reflection coating
 Back: transparent backsheet
 Cell size: 156 mm x 156 mm
 Layout: 60 respectively 45 almost-square monocrystalline solar cells
 Bypass diodes: 3 pcs.

TEMPERATURE COEFFICIENTS

Output: -0,430 %/K
 Open circuit voltage: -0,340 %/K
 Short-circuit current: +0,050 %/K

CONNECTION

Connection socket: IP65 with integrated bypass diodes
 Cable: 4 mm² cross section approx. 1 m in length incl. plug
 Plug: IP67 in plugged state, lockable

ELECTRICAL PARAMETERS

NOCT³: 44,8 ±2 °C
 At lower radiation intensities (200 W/m²), 97% of the STC module efficiency is achieved.

THRESHOLD VALUES

Maximum system voltage: 1 000 V_{DC}
 Reverse current load capacity: 16 A
 Permissible operating temperature: -40 °C to +90 °C



Additional information:
www.solarnova.de

¹ Typical values under standard test conditions (STC):
 1 000 W/m² irradiation at the module level,
 Spectrum AM 1,5 and 25 °C cell temperature
 Power measurement tolerance (Pmax): ±3,5%
² Tolerance: ±3 mm
³ Normal operating cell temperature (NOCT)



The current solarnova warranty conditions apply at the time of installation. Professional assembly in accordance with the applicable installation instructions is required for warranty to apply. Errors and changes excepted. © solarnova 06/2017

solarnova*
 Deutschland GmbH

Am Marienhof 6
 22880 Wedel
 Germany

T +49 4103 91208 0
 F +49 4103 91208 10

info@solarnova.de
 www.solarnova.de