



PHOTOVOLTAIC MODULE SOL_GT BLACK

with monocrystalline solar cells



- first-class quality in accordance with ISO 9001:2008 quality management system
- more than 30 years of experience in solar panel design and production
- positive performance tolerance of up to +6 Watt
- higher yield due to special antireflective coated front glass
- great stability based on 4 mm hardened front glass
- high system voltage up to 1000 V_{DC}
- 5 400 Pa proven load bearing capacity
- 25 years performance guarantee*
- 10 years product guarantee*

TYPES AND ELECTRICAL DATA

Name	I _{sc} (A)	I _{mpp} (A)	U _{oc} (V)	U _{mpp} (V)	P _{max} (W)
SOL 248 GT black	8,55	8,16	37,85	30,39	248
SOL 254 GT black	8,64	8,26	37,92	30,76	254
SOL 260 GT black	8,72	8,35	38,04	31,16	260
SOL 266 GT black	8,78	8,44	38,28	31,55	266

Electrical data measured at standard test conditions (STC):
 1000 W/m² irradiance at module level, spectrum AM 1,5 and 25 °C cell temperature.
 positive performance tolerance: +6 watt, measuring tolerance: ±3,5 %

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CELL TEMPERATURE COEFFICIENTS

power: -0,43 %/K
 open circuit voltage: -0,34 %/K
 short circuit current: +0,05 %/K

DIMENSIONS

width x height: 997 mm x 1663 mm
 (tolerance ± 3 mm)
 thickness (framed): 39 mm (tolerance ± 1 mm)
 weight: approx. 22 kg

ASSEMBLY

front: 4 mm toughened safety glass extra white with antireflective coating
 rear: black back sheet
 cell size: 156 mm x 156 mm
 arrangement: 60 quasi quadratic monocrystalline solar cells
 frame: aluminium black anodised

ELECTRIC INTERFACE

connection box with bypass diodes, IP65
 cable: approx. 1,0 m incl. connector, 1x 4 mm² solar cable with lockable connector, IP67 in connected state

LIMITS

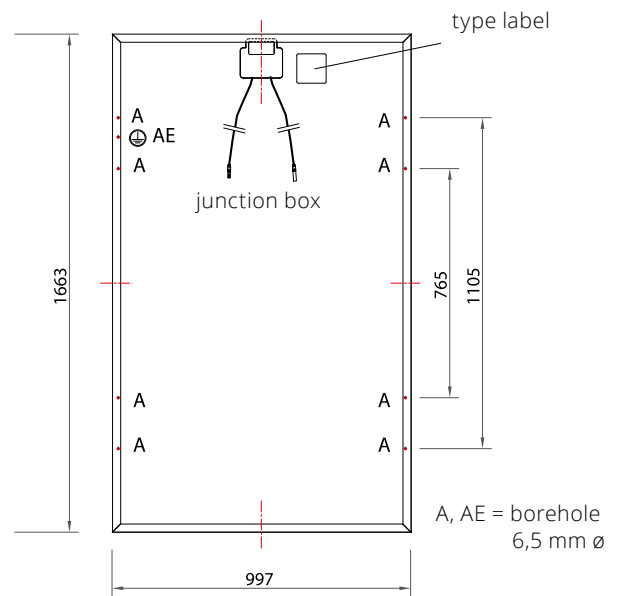
max. system voltage: 1000 V_{DC}
 reverse current capacity: 16 A
 allowable working temperature: -40 °C to +90 °C
 max. load: up to 5 400 Pa

ELETRICAL DATA

NOCT (normal operating cell temperature): 44,8 °C
 At low radiation intensities (200 W/m²)
 97 % of the STC-efficiency is achieved.

QUALITY

This module type meets the requirements of IEC 61215, IEC 611730 (protection class II), IP 65 and CE.



* The solarnova warranty conditions apply in the valid version at the time of installation. These conditions are only valid when the relevant product is installed in accordance with the applicable installation instructions. Subject to modifications that represent process.



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CERTIFIED

quality management certified to
 the standard DIN EN ISO 9001:2008