

Photovoltaic Module **SOL_GT**poly

with 156mm² multicrystalline solarcells



- ▶ first-class quality verified by quality-management system ISO 9001:2008
- ▶ decades of experience in production of solar-modules
- ▶ positive-only power tolerance of +3%
- ▶ higher annual yield by front glass with special antireflective coating
- ▶ great stability by 4 mm hardened front glass
- ▶ high system voltage up to 1,000 V_{DC}
- ▶ tested for heavy loads of 5400 Pa
- ▶ performance guarantee* 25 years
- ▶ product guarantee* 10 years

Types and electrical data:

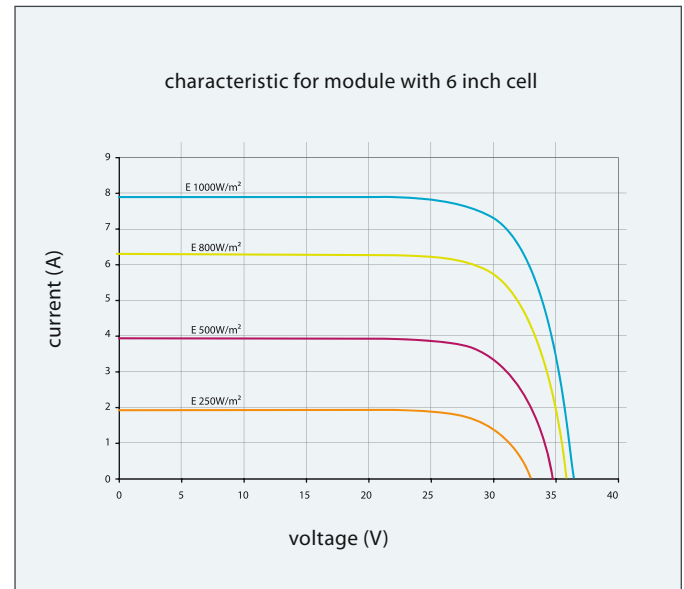
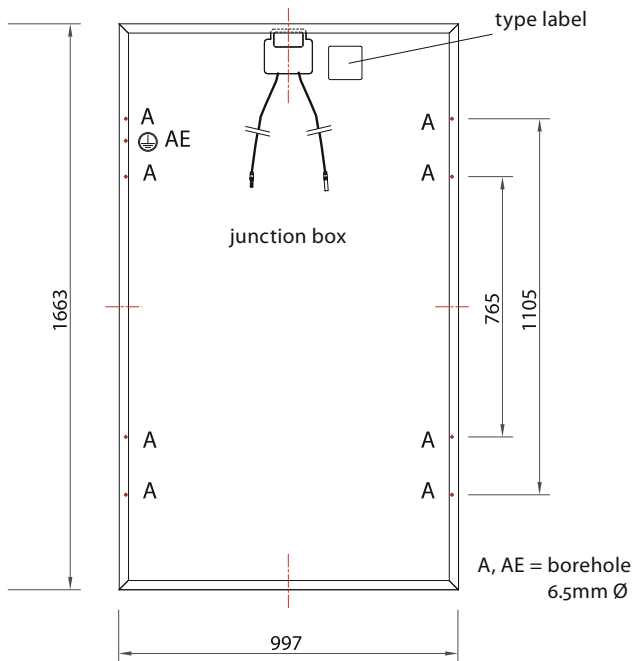
Name	I _{sc} (A)	I _{mpp} (A)	U _{oc} (V)	U _{mpp} (V)	P _{nom} (W)
SOL 254 GT	8.77	8.36	37.4	30.38	254
SOL 260 GT	8.85	8.43	37.5	30.84	260
SOL 266 GT	9.01	8.60	37.85	30.95	266

Electrical data measured at standard-test-condition (STC):
irradiance at modul level 1000 W/m², spectrum AM 1.5 and cell temperatur 25°C., tolerance of power output: +3% /-0%

Qualifikation:

Modultypes in accordance with the requirements of IEC 61215, electrical protection class II, IP 65 and CE label.





Cell temperature coefficients

power: $-0.39\%/K$
open-circuit voltage: $-0.32\%/K$
short-circuit current: $+0.05\%/K$

Dimensions

width x height: 997 mm x 1,663 mm
(toleranc $\pm 3mm$)
thickness (framed): 39 mm (toleranz $\pm 1mm$)
weight approx.: 22 kg

Assembly

front: 4 mm toughened safety glass extra white with antireflective coating
rear: white back sheet
cell size: 156 mm x 156 mm
number of cells: 60 cells
frame: aluminium anodised

hand out by:

Electric interface

connection box with bypass diodes, IP65

cable: approx. 1.0 m incl. connector,
1x4 mm² solar cable with lockable connector,
IP67 in connected state.

Limits

max. system voltage: 1,000 V_{DC}
reverse current capacity: 16 A
allowable working temperature: $-40^{\circ}C$ bis $+90^{\circ}C$
max. load: up to 5400 Pa

Electrical data

NOCT (normal operating cell temperature): $44.8^{\circ}C$

At low radiation intensities (200 W/m²)
97% of the STC-efficiency is achieved.

* Product and power warranty in accordance with the version of the full warranty conditions received from your specialized solarnova partner at the time of installation. This warranty is valid only when the relevant product is installed in accordance with the applicable installation instructions. Subject to modifications that represent process.

