



## Photovoltaic modules ersol Nova<sup>®</sup>-T series

75 Wp

85 Wp

- High-quality workmanship
- Continuously high earnings for long terms
- Nova-T series photovoltaic modules are manufactured on an amorphous silicon basis
- Good weak light performance
- Low temperature dependency
- Therefore specially suitable for warm areas and surfaces, which are not optimally aligned with the sun



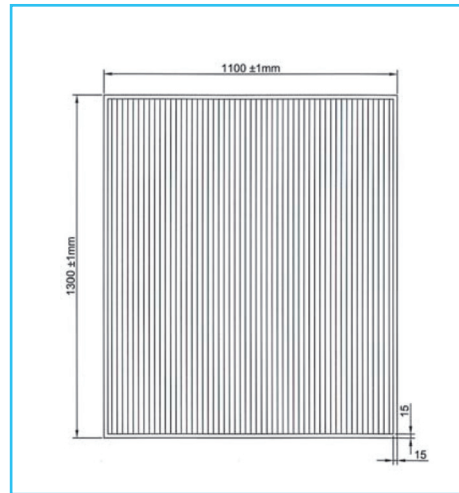
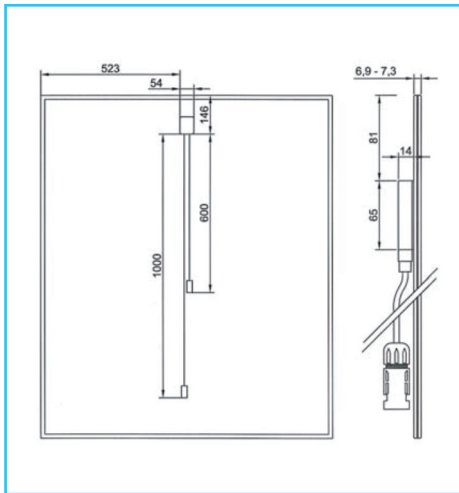
### Certification and warranty

- TÜV certified according to IEC 61646
- Meet the requirements for Safety Class II
- Two years of product warranty
- Earnings guarantee: 90% performance after 10 years, 80% after 25 years



## Mechanical specifications

Dimensions (LxWxD):	1.300 x 1.100 x 7 mm
Weight:	25 kg
Connection box:	1 connection box with bypass diode
Plug connector system:	MC 4
Front glass:	frameless glass-glass laminate, Float glass/PVB film or EVA film heat-strengthened rear glass
Cells:	amorphous silicon single-junction cell



Drawings and tolerances are not to scale.  
Detailed dimensions and tolerances available upon request.

## Electrical specifications

Cell type	75 Wp	85 Wp
V <sub>mpp</sub> (V)	97	103
I <sub>mpp</sub> (A)	0.78	0.83
V <sub>oc</sub> (V)	131	137
I <sub>sc</sub> (A)	0.97	1.05
V <sub>oc</sub> initial (V)	136	141
I <sub>sc</sub> initial (A)	1.03	1.11

## Weak light performance

Cell type	75 Wp	85 Wp
Intensity (W/m <sup>2</sup> )	800	400
V <sub>mpp</sub> (%)	-0.6	-2.1
I <sub>mpp</sub> (%)	-17	-52

Temperature coefficient (I<sub>sc</sub>): +0.04 / K

Temperature coefficient (V<sub>oc</sub>): -0.28 / K

