



## IBC PremiumLine - The reliable solution

# IBC PolySol 250 TX, 255 TX, 260 TX

Solar modules made by polycrystalline silicon

The polycrystalline solar modules of the IBC PolySol TX series are the ideal solution for any area that has to generate secure returns. Due to continuous quality control from wafer to end product, the modules offer exceptionally long durability along with maximum performance, efficiency and reliability. Due to antireflection coated solar glass, the absorption of the light is higher and the outcome of this is a revised efficiency. All the modules of the IBC PolySol TX series are manufactured in Europe.

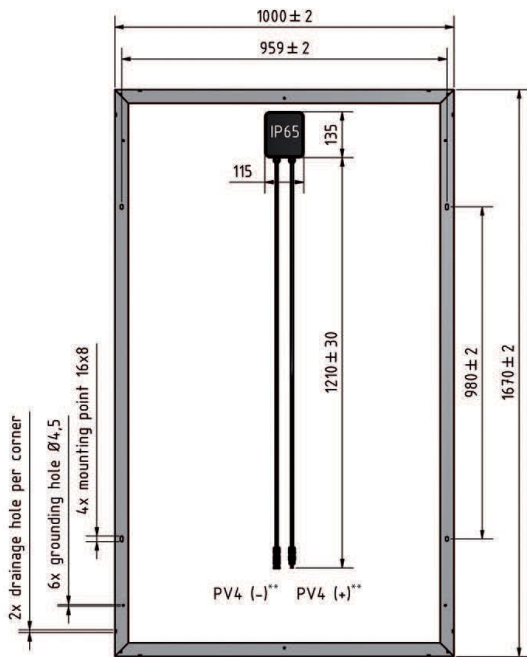
### Highlights

- 10-year product warranty\*
- 25 years power warranty\*
- Positive power tolerance: -0/+5 Wp
- High efficiency and absorption of light due to anti reflection coated (ARC-glass) solar glass
- Low-iron solar glass (thickness 3,2 mm)

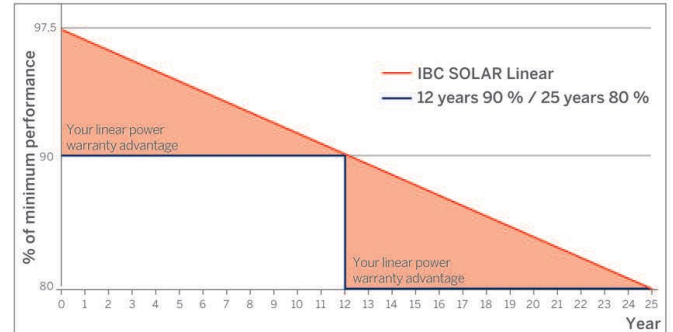
- Tested according IEC 61215 for snow loads up to 5400 Pa (ca. 550 kg/m<sup>2</sup>)
- IEC 61730, application class A for system voltages up to 1000 V, protection class II
- Produced in ISO 9001 and ISO 14001 certified factories
- 100% end control with individual registration of the electrical characteristics
- Quality tested by IBC SOLAR in own laboratory with climate chambers and flasher with integrated electroluminescence measurement

**MADE IN  
EUROPE**





Progression of the power warranty



## TECHNICAL DATA

IBC PolySol	250 TX	255 TX	260 TX
STC Power Pmax (Wp)	250	255	260
STC Nominal Voltage Umpp (V)	29.9	30.0	30.2
STC Nominal Current Impp (A)	8.45	8.57	8.70
STC Open circuit voltage Uoc (V)	37.8	38.0	38.2
STC Short circuit current Isc (A)	8.94	9.03	9.12
800 W/m <sup>2</sup> NOCT AM1.5 Power Pmax (Wp)	184.1	187.8	191.4
800 W/m <sup>2</sup> NOCT AM1.5 Nominal Voltage Umpp (V)	27.3	27.4	27.6
800 W/m <sup>2</sup> NOCT AM1.5 Open Circuit Voltage Uoc (V)	34.7	34.9	35.1
800 W/m <sup>2</sup> NOCT AM1.5 Short Circuit Current Isc (A)	7.22	7.29	7.36
Rel. efficiency reduction @ 200W/m <sup>2</sup> (%)	3	3	3
Tempcoeff Isc (%/°C)	+0.04	+0.04	+0.04
Tempcoeff Uoc (mV/°C)	-124.7	-125.4	-126.1
Tempcoeff Pmpp (%/°C)	-0.43	-0.43	-0.43
Module Efficiency (%)	15.0	15.3	15.6
NOCT (°C)	47	47	47
Max. System Voltage (V)	1000	1000	1000
Max. Reverse Current Ir (A)	20	20	20
Current value String fuse (A)	15	15	15
Fuse protection from parallel strings	3	3	3
Height (mm)	35	35	35
Weight (kg)	19	19	19
Article number	2203600006	2203600004	2203600005

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Your IBC SOLAR partner:



[www.energreen.be](http://www.energreen.be)

Tel: 010 45 13 73

Fax: 010 45 90 73

[info@energreen.be](mailto:info@energreen.be)

Av. Lavoisier 13

1300 Wavre

\* The linear power warranty is only valid for installations within Europe and Japan. For further information, please refer to the corresponding product and power warranty in accordance with the version of the full warranty conditions received from your specialized IBC SOLAR partner at the time of installation. This warranty is valid only when the product is installed in accordance with the applicable installation instructions. Electrical values under standard test conditions: 1000W/m<sup>2</sup>; 25°C, AM1.5. 800 W/m<sup>2</sup>, NOCT. Specifications according EN 60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent progress.

\*\* Adapter set recommend.