



## IBC PREMIUM LINE – THE RELIABLE SOLUTION

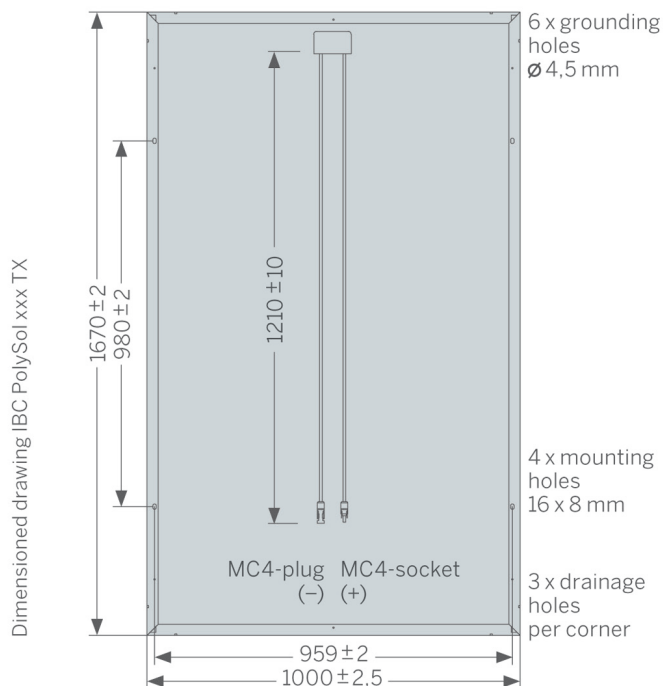
### IBC PolySol 240 TX, 245 TX, 250 TX

#### POLYCRYSTALLINE SOLAR MODULES

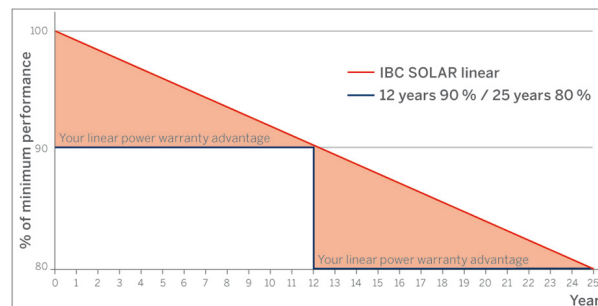
The polycrystalline solar modules of the IBC PolySol TX series are the ideal solution for any area that has to generate secure returns. They are of robust construction for a long service life. IBC SOLAR offers a performance warranty of 25 years that warrantys at least 80 % of the initial performance after 25 years of use. All the modules of the IBC PolySol TX series are manufactured in Europe and are subject to on-going quality checks in our own laboratory.

##### HIGHLIGHTS

- 25 years linear power warranty\*  
linear power decrease of no more than 0.8 % per year,  
80 % over 25 years
- 10-year product warranty\*
- Power tolerance  $-0/+5$  Wp
- Low iron solar glass and sturdy hollow-chamber frame
- IEC 61215 tested for snow loads of up to 5400 Pa (approx. 550 kg/m<sup>2</sup>)
- IEC 61730, Application class A for system voltages of up to 1000 V
- 100 % end control with individual registration of electrical parameters
- Produced in ISO 9001 and 14001 certified factories
- Quality tested by IBC SOLAR in own laboratory with climate chambers and flasher with integrated electroluminescence measurement



Progression of the power warranty



## TECHNICAL DATA

IBC PolySol	240 TX	245 TX	250 TX
STC Power Pmax (Wp)	240	245	250
STC Nominal Voltage Umpp (V)	29.6	29.7	29.9
STC Nominal Current Impp (A)	8.20	8.32	8.45
STC Open circuit voltage Uoc (V)	37.4	37.6	37.8
STC Short circuit current Isc (A)	8.76	8.85	8.94
800 W/m² NOCT AM 1.5 Power Pmax (Wp)	174.5	178.2	181.8
800 W/m² NOCT AM 1.5 NNominal Voltage Umpp (V)	27.6	27.9	28.2
800 W/m² NOCT AM 1.5 Open Circuit Voltage Uoc (V)	34.0	34.3	34.5
800 W/m² NOCT AM 1.5 Short Circuit Current Isc (A)	6.83	6.89	6.96
Rel. efficiency reduction @ 200 W/m² (%)	4.0	4.0	4.0
Tempkoeff Isc (%/°C)	+0.04	+0.04	+0.04
Tempkoeff Uoc (mV/°C)	-120	-120	-121
Tempkoeff Pmpp (%/°C)	-0.45	-0.45	-0.45
Module Efficiency (%)	14.4	14.7	15.0
NOCT °C	47	47	47
Max. System Voltage (V)	1000	1000	1000
Current value String fuse (A)	15	15	15
Fuse protection from parallel strings	4	4	4
Length (mm)	1670	1670	1670
Width (mm)	1000	1000	1000
Height (mm)	50	50	50
Weight (kg)	19.8	19.8	19.8
Articlenumber	2203600001	2203600002	2203600003

07.02.2012

Your IBC SOLAR partner:

\* 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 relevant product is installed in accordance with the applicable installation instructions. Electrical values under standard test conditions: 1000 W/m²; 25 °C, AM 1.5. 800 W/m², NOCT. Specifications according EN 60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent process.