



IBC PREMIUMLINE - HIGHEST QUALITY YIELDS HIGHEST RETURNS

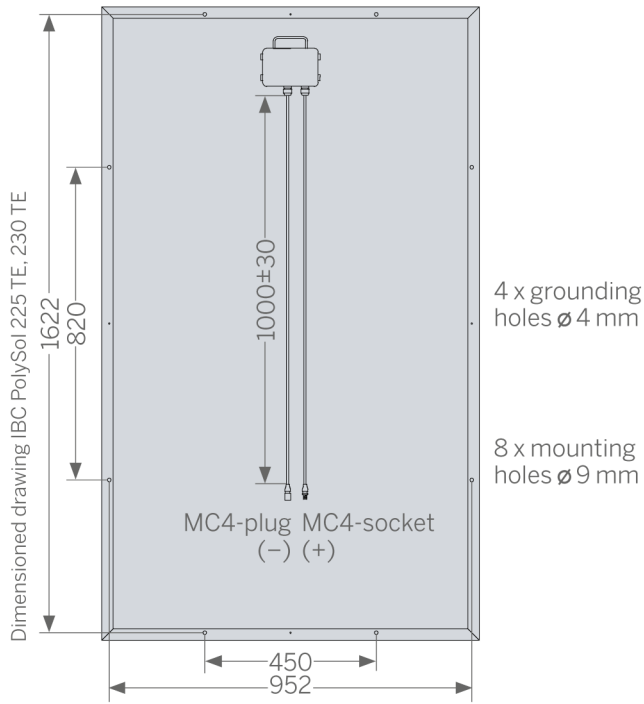
## IBC PolySol 235 TE, 240 TE

### POLYCRYSTALLINE SOLAR MODULES

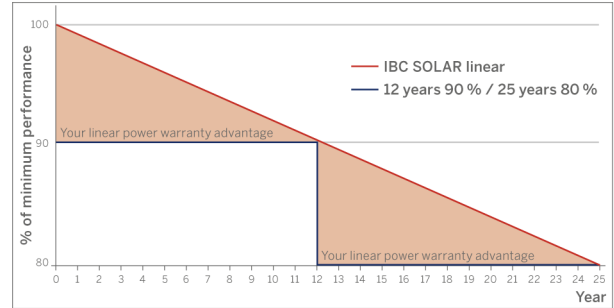
These solar modules are suitable for all roofs, from single family homes to industrial buildings. The acidic textured cells absorb light even better. The positive power tolerance of 0/+5 Wp lets you benefit from above-average performance. The source of the IBC MonoSol modules also speaks for their quality: They are manufactured exclusively in Europe and are SGS TÜV approved. Additionally, the IBC SOLAR linear performance guarantee gives you long-term assurance for your investment.

#### HIGHLIGHTS

- 10-year product warranty\*
- 25 years linear power warranty\*  
linear power decrease of no more than 0,8 % per year,  
80% / 25 years
- Power tolerance -0/+5 Wp
- Low-iron solar glass and sturdy hollow-chamber frame
- 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
- Produced in ISO 9001-, 14001- and OHSAS 18001-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



Your linear power warranty advantage



## TECHNICAL DATA

IBC PolySol	235 TE	240 TE
STC Power Pmax (Wp)	235	240
STC Nominal Voltage Umpp (V)	29,51	29,75
STC Nominal Current Impp (A)	7,95	8,08
STC Open circuit voltage Uoc (V)	37,36	37,40
STC Short circuit current Isc (A)	8,50	8,60
800 W/m <sup>2</sup> NOCT AM1.5 Power Pmax (Wp)	169,2	172,8
800 W/m <sup>2</sup> NOCT AM1.5 Nominal Voltage Umpp (V)	26,41	26,77
800 W/m <sup>2</sup> NOCT AM1.5 Open Circuit Voltage Uoc (V)	33,4	33,6
800 W/m <sup>2</sup> NOCT AM1.5 Short Circuit Current Isc (A)	6,73	6,84
Rel. efficiency reduction @ 200W/m <sup>2</sup> (%)	5	5
Tempcoeff Isc (%/°C)	+0,06	+0,06
Tempcoeff Uoc (mV/°C)	-115,8	-116,0
Tempcoeff Pmpp (%/°C)	-0,40	-0,40
Module Efficiency (%)	14,3	14,6
NOCT °C	47	47
Max. System Voltage (V)	1000	1000
Current value String fuse (A)	15	15
Fuse protection from parallel strings	4	4
Length (mm)	1660	1660
Width (mm)	990	990
Height (mm)	42	42
Weight (kg)	22,0	22,0
Articlenumber	2200600023	2200600024

Your IBC SOLAR partner:

05.03.2012

\* 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: 1000W/m<sup>2</sup>; 25°C, AM1.5, 800 W/m<sup>2</sup>, NOCT. Specifications according EN60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent process.