



IBC EcoLine - For particularly stable output

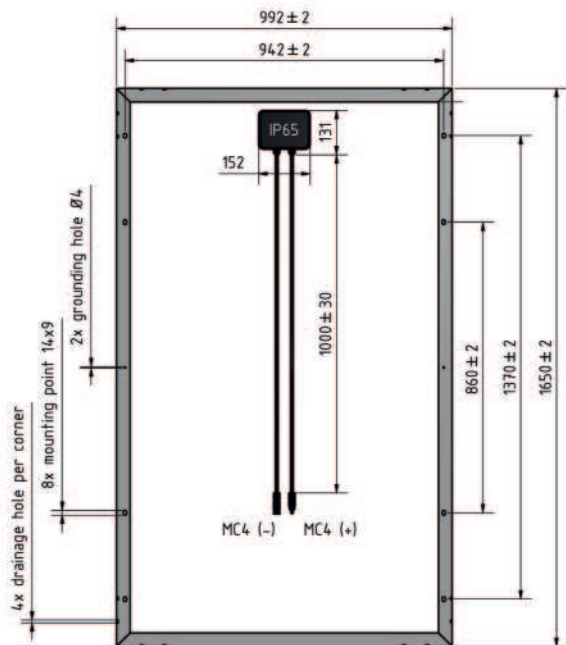
IBC PolySol 245 MS, 250 MS, 255 MS

Solar modules made by polycrystalline silicon

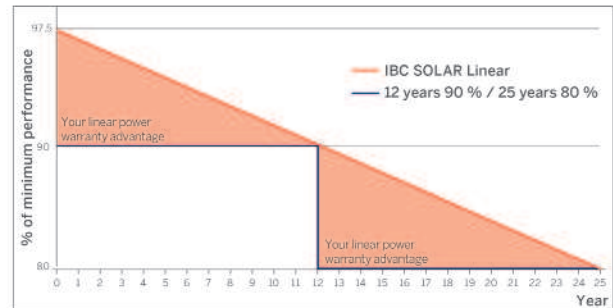
Whether for single family homes, industrial roofs or open spaces - the trusted polycrystalline solar modules, IBC PolySol MS, are perfectly suited for anyone placing high demands on quality and cost efficiency. IBC SOLAR defines the most stringent specifications for components used, ensuring you the best results. Due to anti reflection coated solar glass, the absorption of the light is higher and the outcome of this is a high performance of the module. Thanks to the modules' positive power tolerance and linear performance guarantee, you'll benefit from high output and returns.

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) and sturdy hollow-chamber frame
- Tested according IEC 61215 for snow loads up to 5400 Pa (ca. 550 kg/m²)
- IEC 61730, application class A for system voltages up to 1000 V, protection class II
- Produced in ISO 9001 and ISO 14001 certified factories
- SGS TÜV Saar certified manufacturing plant
- 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



Progression of the power warranty



TECHNICAL DATA

IBC PolySol	245 MS	250 MS	255 MS
STC Power Pmax (Wp)	245	250	255
STC Nominal Voltage Umpp (V)	30.2	30.4	30.9
STC Nominal Current Imp (A)	8.12	8.23	8.25
STC Open circuit voltage Uoc (V)	37.4	37.6	37.8
STC Short circuit current Isc (A)	8.69	8.81	8.83
800 W/m ² NOCT AM1.5 Power Pmax (Wp)	180.7	188	195.1
800 W/m ² NOCT AM1.5 Nominal Voltage Umpp (V)	28.2	28.4	28.6
800 W/m ² NOCT AM1.5 Open Circuit Voltage Uoc (V)	34.4	34.6	34.8
800 W/m ² NOCT AM1.5 Short Circuit Current Isc (A)	7.09	7.17	7.26
Rel. efficiency reduction @ 200W/m ² (%)	2.8	2.8	2.8
Tempcoeff Isc (%/°C)	+0.04	+0.04	+0.04
Tempcoeff Uoc (mV/°C)	-122	-122	-124
Tempcoeff Pmpp (%/°C)	-0.48	-0.48	-0.48
Module Efficiency (%)	15.0	15.3	15.6
NOCT (°C)	48	48	48
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	4	4	4
Height (mm)	45	45	45
Weight (kg)	19	19	19
Article number	2202800016	2202800017	2202800018

2013-05-03

Your IBC SOLAR partner:

* 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/m²; 25°C, AM1.5. 800 W/m², NOCT. Specifications according EN 60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent progress.