



IBC ECO LINE - IDEAL FOR LARGE AREAS

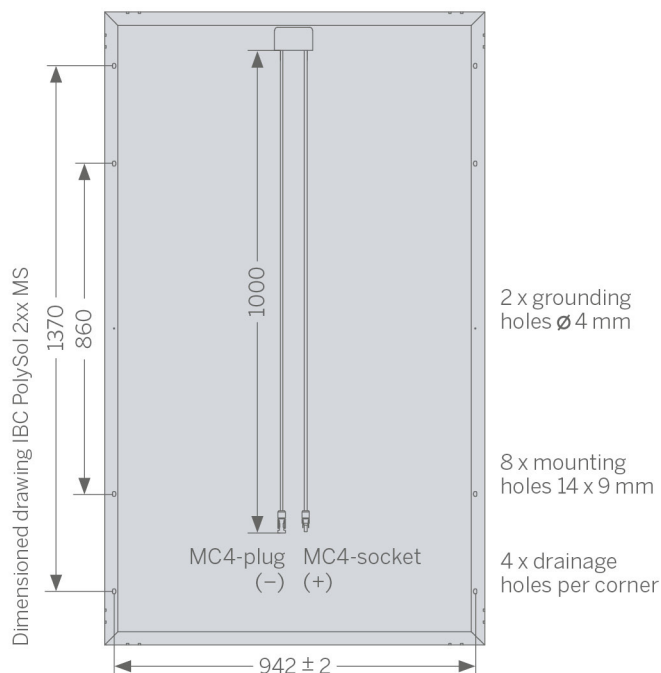
IBC PolySol 235 MS, 240 MS

POLYCRYSTALLINE SOLAR MODULES

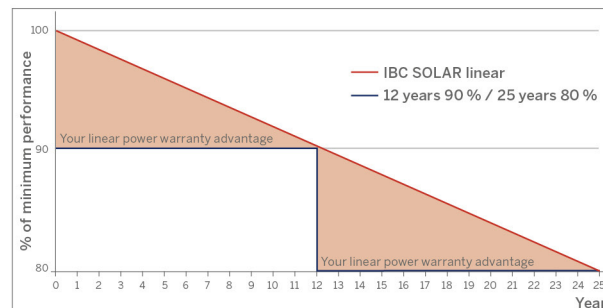
This solarmodule is suitable for roofs ranging from single-family homes to industrial buildings. Since it can be installed with KNUBIX mounting system, it is also ideal for large-area flat-roof-mounted systems. The cell surface of the IBC PolySol MS has been acid-textured to boost cell efficiency. This ensures particularly high efficiency even in low light. You benefit from high output and good returns.

HIGHLIGHTS

- Suitable for grid-connected systems
- Maximum yields, thanks to acid textured cells
- 25 years linear power warranty*
linear power decrease of no more than 0,8% per year,
80% / 25 years
- 10-year product warranty*
- Power tolerance -0 / +5 W
- 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 1,000 V
- IEC 61215 tested and certified
- CE marking
- 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	240 MS	235 MS
STC Power Pmax (Wp)	240	235
STC Nominal Voltage Umpp (V)	30,0	29,8
STC Nominal Current Impp (A)	8,01	7,89
STC Open circuit voltage Uoc (V)	37,2	36,9
STC Short circuit current Isc (A)	8,56	8,47
800 W/m² NOCT AM1.5 Power Pmax (Wp)	173,5	169,9
800 W/m² NOCT AM1.5 Nominal Voltage Umpp (V)	28,0	27,8
800 W/m² NOCT AM1.5 Open Circuit Voltage Uoc (V)	34,2	34,0
800 W/m² NOCT AM1.5 Short Circuit Current Isc (A)	7,00	6,91
Rel. efficiency reduction @ 200W/m² (%)	2,8	2,8
Tempcoeff Isc (%/°C)	+0,04	+0,04
Tempcoeff Uoc (mV/°C)	-123	-122
Tempcoeff Pmpp (%/°C)	-0,48	-0,48
Module Efficiency (%)	14,7	14,4
NOCT °C	48	48
Max. System Voltage (V)	1000	1000
Current value String fuse (A)	15	15
Fuse protection from parallel strings	4	4
Length (mm)	1650	1650
Width (mm)	992	992
Height (mm)	45	45
Weight (kg)	19,0	19
Articlenumber	2202800012	2202800013

Your IBC SOLAR partner:

22.11.2011

* 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/m²; 25°C, AM1.5. 800 W/m², NOCT. Specifications according EN60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent process.