



IBC EcoLine – For particularly stable output

IBC PolySol 250 CS, 255 CS, 260 CS

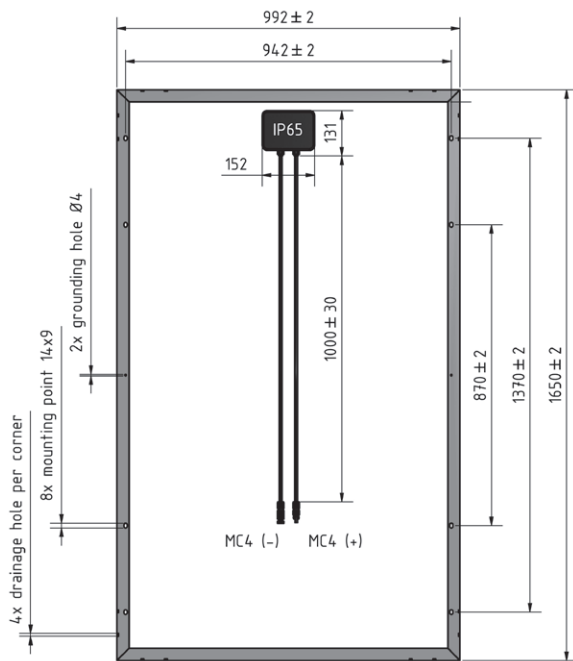
Solar modules made by polycrystalline silicon

Whether for single family homes, industrial roofs or open spaces – the trusted solar modules IBC PolySol CS are perfectly suited for anyone placing high demands on quality and cost efficiency. IBC SOLAR defines the most stringent specifications for components, ensuring you the best results. Thanks to the modules' positive power tolerance and linear performance guarantee, you'll benefit from high output and returns.

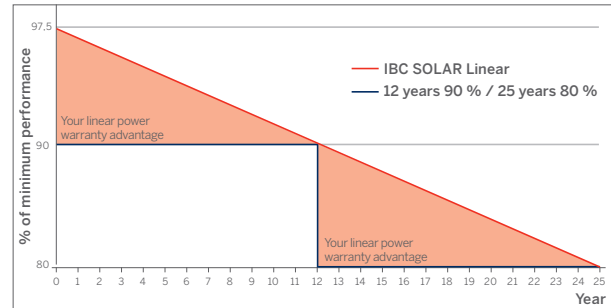
Thanks to the anti-reflective coating on the front glass panels, these modules capture even more light to be more efficient and produce optimum yields.

Highlights:

- 10-year product warranty*
- 25 years power warranty*
- Positive power tolerance: $-0/+5$ Wp
- Highly effective with low-iron photovoltaic glass and anti-reflective coating (3.2 mm)
- 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
- 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	250 CS	255 CS	260 CS
STC Power Pmax (Wp)	250	255	260
STC Nominal Voltage Umpp (V)	30.4	30.9	31.1
STC Nominal Current Impp (A)	8.23	8.25	8.37
STC Open circuit voltage Uoc (V)	37.6	37.8	38.1
STC Short circuit current Isc (A)	8.81	8.83	8.98
800 W/m ² NOCT AM 1.5 Power Pmax (Wp)	183.07	186.77	190.64
800 W/m ² NOCT AM 1.5 Nominal Voltage Umpp (V)	27.78	27.96	28.16
800 W/m ² NOCT AM 1.5 Open Circuit Voltage Uoc (V)	35.05	35.57	36.04
800 W/m ² NOCT AM 1.5 Short Circuit Current Isc (A)	6.92	6.96	7.00
Rel. efficiency reduction @ 200 W/m ² (%)	3.9	4.23	4.29
Tempcoeff Isc (%/°C)	+0.064	+0.064	+0.064
Tempcoeff Uoc (mV/°C)	-117.7	-120.7	-121.7
Tempcoeff Pmpp (%/°C)	-0.43	-0.43	-0.43
Module Efficiency (%)	15.3	15.6	15.9
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)	20.5	20.5	20.5
Article number	2203800007	2203800005	2203800006 2203800008

2014-08-01

Presented by:

* 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: 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 progress.