



IBC PremiumLine – The reliable solution

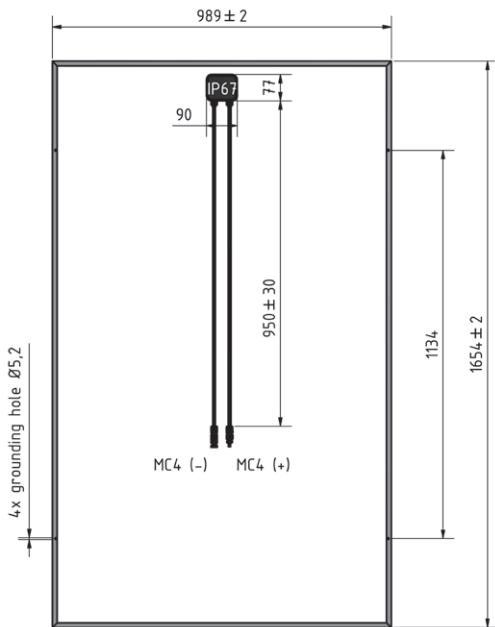
IBC PolySol 250 GX, 255 GX, 260 GX

Solar modules made by polycrystalline silicon

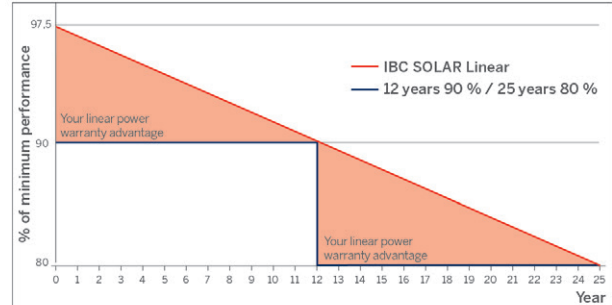
IBC PolySol GX series polycrystalline photovoltaic modules are the ideal solution for any areas intended to achieve safe yields. Continuous quality assurance and process audits during production guarantee a particularly long service life of the modules with a maximum of output, efficiency and reliability. 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. All IBC PolySol GX series modules are produced in Germany.

Highlights:

- 10-year product warranty*
- 25 years linear 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 facilities certified as per ISO 9001, ISO 14001 and OHSAS 18001
- Regular product/process/quality assurance audits in production
- 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 GX	255 GX	260 GX
STC Power Pmax (Wp)	250	255	260
STC Nominal Voltage Umpp (V)	30.38	30.64	30.90
STC Nominal Current Impp (A)	8.29	8.39	8.48
STC Open Circuit Voltage Uoc (V)	37.12	37.45	37.78
STC Short Circuit Current Isc (A)	8.76	8.85	8.93
800 W/m ² NOCT AM 1.5 Power Pmax (Wp)	186	189.6	193.4
800 W/m ² NOCT AM 1.5 Nominal Voltage Umpp (V)	28.31	28.56	28.80
800 W/m ² NOCT AM 1.5 Open Circuit Voltage Uoc (V)	35.26	35.58	35.89
800 W/m ² NOCT AM 1.5 Short Circuit Current Isc (A)	7.01	7.08	7.14
Rel. efficiency reduction @ 200 W/m ² (%)	2.55	2.5	2.39
Tempcoeff Isc (%/°C)	+0.059	+0.059	+0.059
Tempcoeff Uoc (mV/°C)	-118.8	-119.8	-120.9
Tempcoeff Pmpp (%/°C)	-0.42	-0.42	-0.42
Module Efficiency (%)	15.3	15.6	15.9
NOCT (°C)	46	46	46
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	3	3	3
Height (mm)	40	40	40
Weight (kg)	18.2	18.2	18.2
Article number	2204400001	2204400002	2204400003

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Presented by:

* 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 EN60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent progress.