



IBC PremiumLine – Outstanding Quality

IBC MonoSol 260 EX Black, 265 EX Black

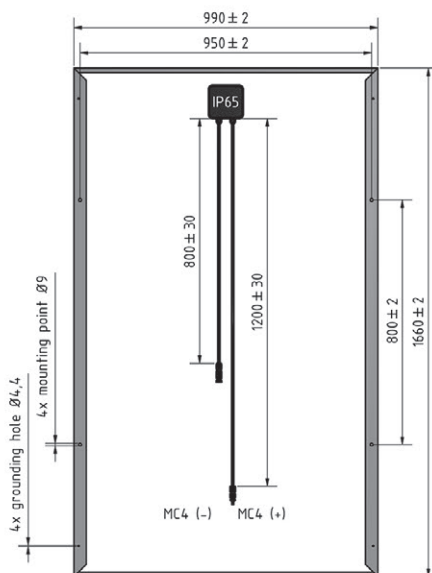
Solar modules made by monocrystalline silicon

IBC MonoSol EX Black series monocrystalline photovoltaic modules are the ideal solution for any areas intended to achieve safe yields. A uniform, black cell color results in a homogeneous module image on the roof. All IBC MonoSol EX Black series modules are produced in Germany. The completely black modules with black cell, black frame and black foil visually integrate on any roof and are even suitable for listed buildings. Thanks to the antireflective 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)
- 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 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





TECHNICAL DATA

IBC MonoSol	260 EX Black	265 EX Black
STC Power Pmax (Wp)	260	265
STC Nominal Voltage Umpp (V)	30.7	30.9
STC Nominal Current Impp (A)	8.48	8.58
STC Open circuit voltage Uoc (V)	37.9	38.2
STC Short circuit current Isc (A)	9.04	9.15
800 W/m ² NOCT AM 1.5 Power Pmax (Wp)	189	193
800 W/m ² NOCT AM 1.5 Nominal Voltage Umpp (V)	27.7	27.9
800 W/m ² NOCT AM 1.5 Open Circuit Voltage Uoc (V)	34.9	35.1
800 W/m ² NOCT AM 1.5 Short Circuit Current Isc (A)	7.28	7.37
Rel. efficiency reduction @ 200 W/m ² (%)	2.2	2.2
Tempcoeff Isc (%/°C)	+0.031	+0.031
Tempcoeff Uoc (mV/°C)	-117.7	-118.6
Tempcoeff Pmpp (%/°C)	-0.44	-0.44
Module Efficiency (%)	15.8	16.1
NOCT (°C)	48.4	48.4
Max. System Voltage (V)	1000	1000
Max. Reverse Current Ir (A)	25	25
Current value String fuse (A)	15	15
Fuse protection from parallel strings	4	4
Height (mm)	50	50
Weight (kg)	19.5	19.5
Article number	2001200010	2001200009

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Presented by:

* 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.