



IBC Premium Line

IBC PREMIUM LINE – OUTSTANDING PERFORMANCE

IBC MonoSol 255 TX, 260 TX, 265 TX

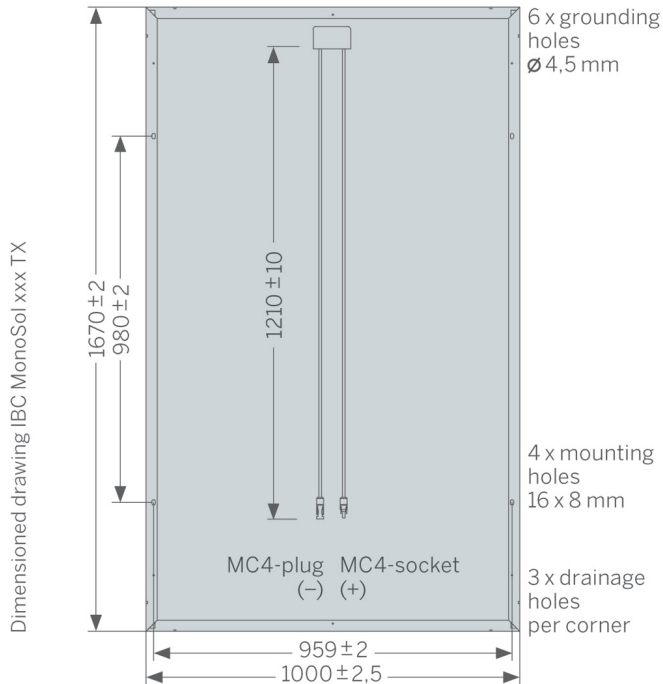
MONOCRYSTALLINE SOLAR MODULES

The IBC MonoSol TX series impresses not only with its black aluminum frame, but also with the modern full-square technology which warrants the module's optimum efficiency. The modules are all manufactured in Europe and are suitable for grid-connected systems. The 25-year linear performance warranty is evidence of high product quality.

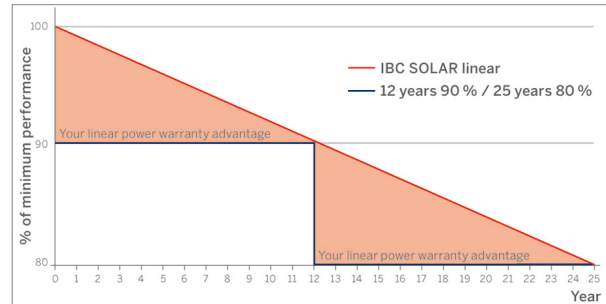
The initial light-induced degradation (LID), which is typical for monocrystalline solar modules, has already been factored into the actual power output. This translates into more profit for you.

HIGHLIGHTS

- ❑ 25 years linear power warranty*
linear power decrease of no more than 0.8 % per year, 80 % over 25 years
- ❑ 10-year product warranty*
- ❑ Power tolerance $-0/+5$ Wp
- ❑ Black, full-square cells, black frame
- ❑ Increased efficiency due to full square cells
- ❑ Low iron solar glass and sturdy hollow-chamber frame
- ❑ IEC 61215 tested for snow loads of up to 5400 Pa (approx. 550 kg/m²)
- ❑ IEC 61730, Application class A for system voltages of up to 1000 V
- ❑ 100 % end control with individual registration of electrical parameters
- ❑ Produced in ISO 9001 and 14001 certified factories
- ❑ 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 MonoSol	255 TX	260 TX	265 TX
STC Power Pmax (Wp)	255	260	265
STC Nominal Voltage Umpp (V)	30.3	30.6	30.9
STC Nominal Current Impp (A)	8.50	8.58	8.66
STC Open circuit voltage Uoc (V)	37.5	37.9	38.3
STC Short circuit current Isc (A)	9.12	9.17	9.23
800 W/m ² NOCT AM 1.5 Power Pmax (Wp)	195.1	198.8	202.6
800 W/m ² NOCT AM 1.5 Nominal Voltage Umpp (V)	28.7	29.0	29.3
800 W/m ² NOCT AM 1.5 Open Circuit Voltage Uoc (V)	35.3	35.7	36.0
800 W/m ² NOCT AM 1.5 Short Circuit Current Isc (A)	7.26	7.30	7.35
Rel. efficiency reduction @ 200 W/m ² (%)	4.0	4.0	4.0
Tempkoeff Isc (%/°C)	+0.04	+0.04	+0.04
Tempkoeff Uoc (mV/°C)	-120	-121	-123
Tempkoeff Pmpp (%/°C)	-0.46	-0.45	-0.45
Module Efficiency (%)	15.3	15.6	15.9
NOCT °C	47	47	47
Max. System Voltage (V)	1000	1000	1000
Current value String fuse (A)	15	15	15
Fuse protection from parallel strings	4	4	4
Length (mm)	1670	1670	1670
Width (mm)	1000	1000	1000
Height (mm)	50	50	50
Weight (kg)	19.8	19.8	19.8
Articlenumber	2003600001	2003600002	2003600003

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Your IBC SOLAR partner:

* 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 EN 60904-3 (STC). All datas according DIN EN 50380. Subject to modifications that represent process.