PHOTOVOLTAIC MODULES
MAGE POWERTEC® PLUS 260 / 5 MR

Number of Cells: 96
Solar Cell Type: monocrystalline
Power class: 260 Wp
Module Efficiency: 15.69 %

MAGE POWERTEC® PLUS

More Power

MAGE POWERTEC® PLUS modules utilize a monocrystalline cell technology with an electrical efficiency of up to 18.20 %.

More quality

The 10 year product guarantee by far surpasses government requirements. MAGE POWERTEC® PLUS modules have a 30 year power guarantee – after 12 years the modules still produce 90 % of their nominal power, after 30 years 80 %.

More security

Due to their engineered hollow-section frame and 3.2 mm special solar glass, MAGE POWERTEC® PLUS modules meet the maximum demands with regard to stability and corrosion resistance. The high-quality EVA foil provides for ideal embedding of the solar cells while the weather-proof foil on the back of the modules protects against humidity.

+5 WATTS POSITIVE TOLERANCES	10 YEAR PRODUCT-GUARANTEE	12 YEAR POWER GUARANTEE 90%	30 YEAR POWER GUARANTEE 80%

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MAGE GROUP

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Electrical Characteristics*		260 / 5 MR
Maximum Power Rating	P_{max} [Wp]	260
Tolerance of P_{max}	P [Wp]	-0/+5
Maximum Power Voltage of P_{max}	U_{mpp} [V]	51.50
Maximum Power Current P_{max}	I_{mpp} [A]	5.05
Short Circuit Current	I_{SC} [A]	5.49
Open Circuit Voltage	U_{OC} [V]	61.50
Maximum System Voltage	[V]	1000
Back current load	I_R [A]	10

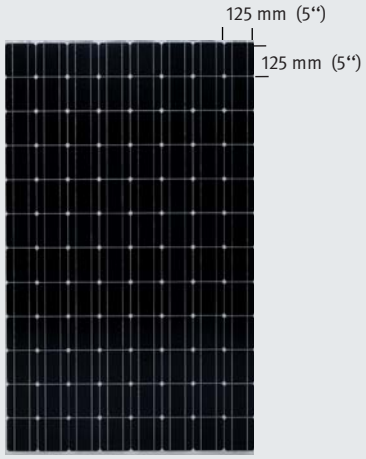
* STC @ 25° C, 1000 W/m², AM 1.5

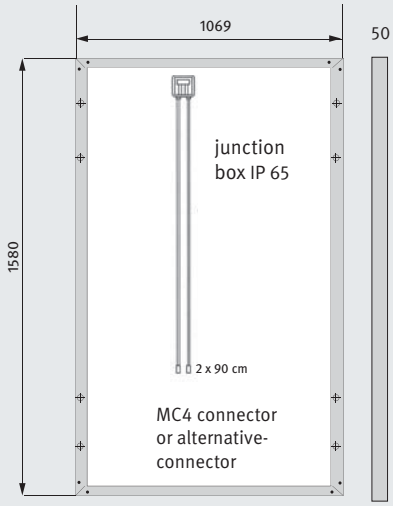
Technical Facts	260 / 5 MR
Number of Cells (Matrix)	96 (8 x 12)
Solar Cell Type	monocrystalline
Cell type	Silicon
Dimensions [L x W x D mm]	1580 x 1069 x 50
Weight [kg]	21.0
Mechanical load [Pa]	5400

Efficiency		260/5 MR
Cell [%]		18.20
Module [%]		15.69

Smaller output reduction under part load conditions at 25° C: a smaller efficiency reduction is generated at 200 W/m² irradiation, whereby 95 % (+/- 3 %) of the STC efficiency is reached.

Thermal Characteristics 260 / 5 MR		
NOCT	[°C]	+ 47 +/- 2
Temperature Coefficient	I_{SC} [%/K]	+ 0.055
Temperature Coefficient	U_{OC} [%/K]	- 0.347
Temperature Coefficient	P_{max} [%/K]	- 0.48





IEC 61215, IEC 61730, ISO 9001