

# Technical

## Electrical Data

Maximum Power (Pmax)	230W
Tolerance	+ 5W
Maximum Power Voltage (Vpm)	29.6V
Maximum Power Current (Ipm)	8.00A
Open Circuit Voltage (Voc)	37.2V
Short Circuit Current (Isc)	8.45A
Cell efficiency	16.4%
Module efficiency	14,5 %
Maximum System Voltage	1000V

STC: irradiation 1000W/m2, AM 1,5 and temperature 25°C

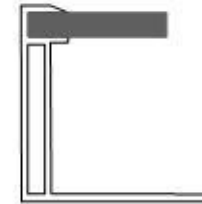
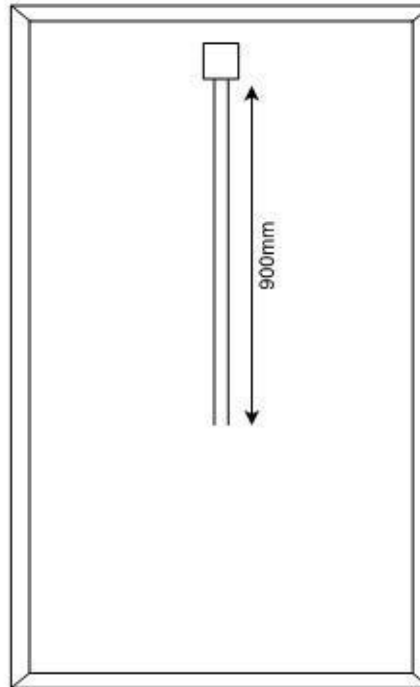
## Performance at 800W/m2

Maximum Power Voltage (Vpm)	29.25V
Maximum Power Current (Ipm)	6.39A

NOCT, 800W/m2, AM 1,5 and 25°C

## Temperature Coefficient

NOCT	45°C +/-2%
Voltage Temperature (Voc)	-0.33%/°C
Current Temperature (Isc)	+0.06%/°C
Power Temperature (Pm)	- 0.44%/°C



## Mechanical Data

Number of Cells	60 (6 x 10)
Cell Dimension	156*156mm
Bypass diodes	4
Glass Thickness	3.2mm
Maximum Load	5400Pa
Weight	20.2Kg
Dimensions	1639*989*45mm
Cable length / section	900mm / 4mm <sup>2</sup>
Connectors	MC4 compatible
Operating Temperature	-40°C to +85°C



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