



## Photovoltaic modules

Made in EU

Crystalline modules with fully positive tolerance.  
Yield guaranteed for 25 years.

Individual flash test record for each module.

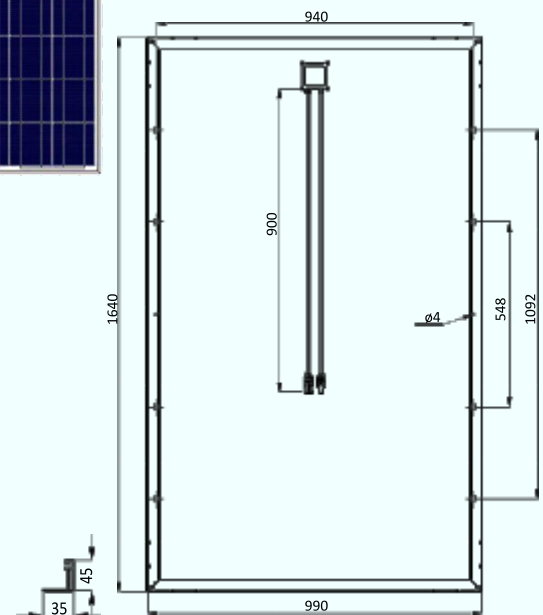
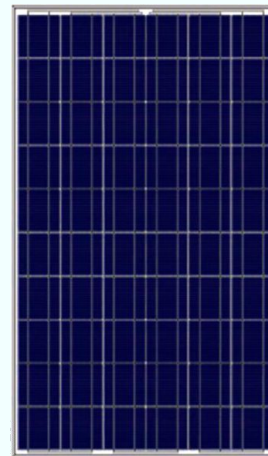
Electrical specifications:			
Maximum power Pmax, [Wp]	210 Wp	230 Wp	240 Wp
Tolerance	+ 3% - 0%	+ 3% - 0%	+ 3% - 0%
Voltage at max power Vmp, [V]	29,1 V	30,1 V	30,6 V
Current at max power Imp, [A]	7,22 A	7,64 A	7,84 A
Open circuit voltage Voc, [V]	36,1 V	36,6 V	37,2 V
Short circuit current Isc, [A]	8,02 A	8,48 A	8,52 A
Cell efficiency	14,4 %	15,8 %	16,4 %

\* STC (Standard test conditions) : Irradiation 1000 W/m<sup>2</sup>, ambient temperature 25°C, Spectre AM 1.5

Physical specifications:	
Overall dimensions	1640 x 990 x 45 mm
Number of cells	40 ( 6 x 10 )
Size of cells	156 x 156 mm
Weight	18,6 kg
Type of cell	polycrystalline
Frame	aluminum
Junction box	TUV certified
Back closing	TPT
Front closing	Tempered glass 3,2 mm
Length of cable	900 mm

Temperature coefficients:	
Temp. coeff. of Pmax	- ( 0,5 ± 0,05 ) % / °C
Temp. coeff. of Vmp	- 0,38 % / °C
Temp. coeff. of Imp	+ 0,1 % / °C
Temp. coeff. of Voc	- ( 0,3 ± 0,05 ) % / °C
Temp. coeff. of Isc	- ( 0,065 ± 0,015 ) % / °C

Limitations:	
Max. system voltage	1000 V DC
Temperature range	-40 °C - +85/ °C
Max. physical load	2400 Pa



Warranty and certificates:	
Workmanship and material	5 years
90% Efficiency	20 years
80% Efficiency	25 years
CE and IEC certified	

