



GALILEO 230 W_p

silicon poly-crystalline module

Thanks to the new producing technologies and the high research and development investments Albasolar can offer a high quality product. The robust 50 mm frame realized in aluminium alloy is a synonym of extraordinary resistance and utmost duration, even in difficult weather condition environments. Further energetic and economical output are ensured by the exclusively positive tolerance of the Albasolar silicon modules.

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They frequently undergo visual and electrical controls requiring resistance tests that simulate the effect on the structures. Albasolar modules, in compliance with IEC regulation 61215 and IEC 61730 are TUV guaranteed and tested by the Politecnico of Torino.

CODE		A0290PC230
Component materials	cells per module	60
	cell dimensions	156 x 156
	cell type	blu square
Electrical characteristics	max. power	230 Wp
	power tolerance	0 +3%
	module efficiency	14,17%
	maximum power current - Impp	7,67 A
	maximum power voltage - Vmpp	30,00 V
	short circuit current - Isc	8,27 A
	open circuit current - Voc	36,50 V
	NOCT	47 +/- 2°C
Thermal and system integration parameters	temperature coefficient of Isc	+0,040 %/°C
	temperature coefficient of Voc	-0,34 %/°C
	temperature coefficient of power	-0,42 %/°C
	max system voltage	1000 V
	solar cell configuration	6 x 10
	number of bypass diodes	3
Dimensions	junction box and connectors	MC4
	frame	aluminium
	length	1640 mm
	width	990 mm
	thickness	50 mm
	thickness with J-Box	50 mm
Guarantees	weight	20 kg
	performance warranty	25 years power guarantee (90% until 10 years, 80% until 25 years)
Certificates	product warranty	12 years
		IEC EN 61215
		IEC EN 61730
		TUV

Our silicon poly-crystalline module characteristics:

- High quality and performance according to the strictest European standards
- Maximum strength and durability with 50 mm aluminium frame
- Continuous and constant quality control and strength tests
- Passed mechanical load test of 5400 Pa to withstand heavier snow load
- Simple and safe installation with standardized clamp system

Guarantee conditions:

- 12 years guarantee on the product
- 25 years guarantee on the power voltage (90% until 10 years, 80% until 25 years)
- Certificates and compliance with standard IEC 61215 (2nd ed.)
- Class protection II / IEC 61730 standard
- TUV certificate



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