

Solsonica610 series

Polycrystalline photovoltaic modules **Solsonica610** are characterized by high efficiency and grant long lasting performances.

Thanks to the technology developed by Solsonica, photovoltaic modules **Solsonica610** represent the best solution for PV systems of different peak power.

The modules are supplied with "4 holes" anodized aluminum frame for easier installation.

Photovoltaic modules **Solsonica610** are also equipped with IP65 junction box containing internal bypass diodes.

Mating safety is provided by polarity keyed housings enhancing the easiness of installation.

Photovoltaic modules **Solsonica610** are designed and tested to resist wind, hail and other unusual weather phenomena.

Solsonica products portfolio, including **Solsonica608** and **Solsonica612** modules, answers to every need, making easier the construction of PV Systems with different dimension and power.



Performance under standard test conditions


(1000 W/m² - 25 °C)

			200	205	210	215	220	225	230
Maximum power	P _{max}	W	200	205	210	215	220	225	230
Open-circuit voltage	V _{oc}	V	36.94	37.04	37.25	37.35	37.45	37.65	37.76
Maximum power voltage	V _{mp}	V	28.59	28.79	28.99	29.20	29.50	29.80	30.11
Short-circuit current	I _{sc}	A	7.59	7.68	7.78	7.88	7.96	8.05	8.13
Maximum power current	I _{mp}	A	6.99	7.11	7.23	7.35	7.45	7.54	7.63

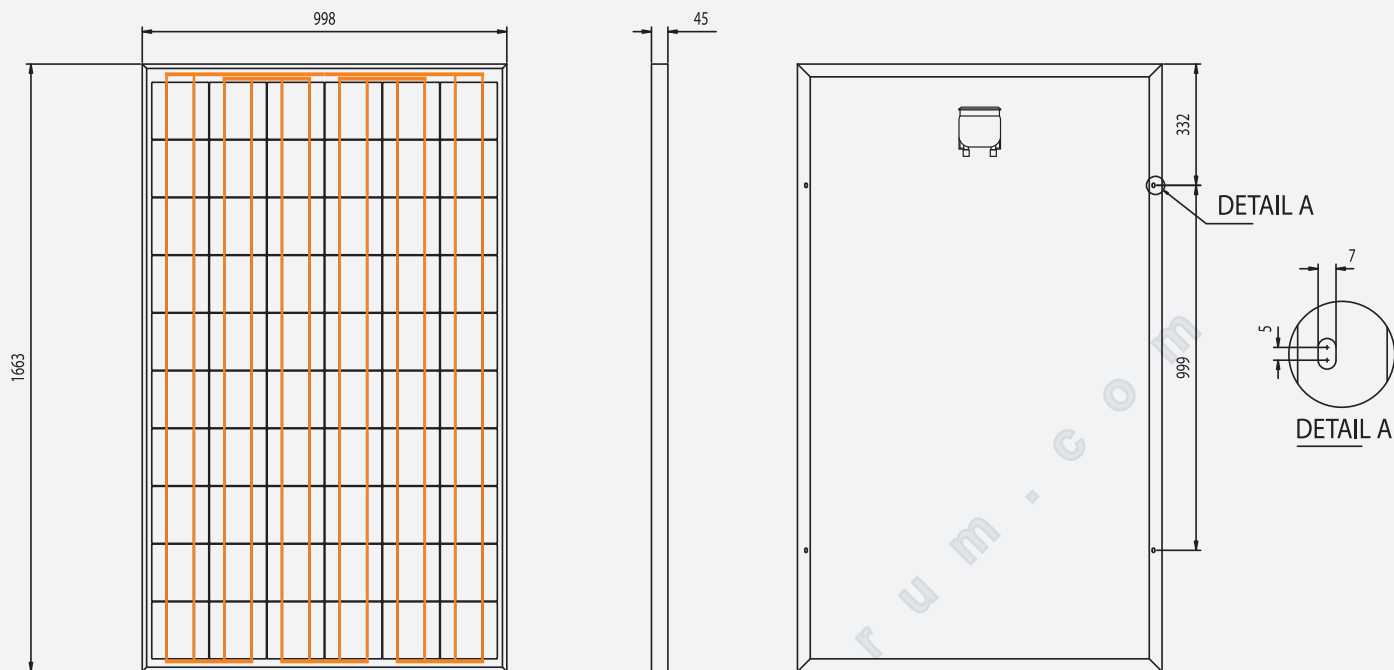
Manufacturing details

- Tempered glass
- High quality EVA for cell embedding
- High quality multilayer Tedlar foil for backsheet

Warranties & certificates

- 2 years product warranty
- 10 years power warranty for 90% maximum power output
- 25 years power warranty for 80% maximum power output
- IEC 61215
- Protection class II 
- CE

Dimensions (mm)



Other parameters

NOCT	°C	46.0
Current temperature coefficient	mA/°C	3.7
Voltage temperature coefficient	mV/°C	-125.5
Power temperature coefficient	%/°C	-0.4
Performance tolerance	%	+/-3
Maximum system voltage	V	1000

Other specifications

Cells number	60
Cell type	p-Si
Cell size (mm)	156 x 156
Module size LxWxH (mm)	1663 x 998 x 45
Frame	Aluminum
Weight (Kg)	22
Junction box *	Tyco - IP65

*optional connection cables

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