

Solsonica608 series

Polycrystalline photovoltaic modules **Solsonica608** are characterized by high efficiency and grant long lasting performances.

Thanks to the technology developed by Solsonica, photovoltaic modules **Solsonica608** represent the best solution for PV systems of different peak power.

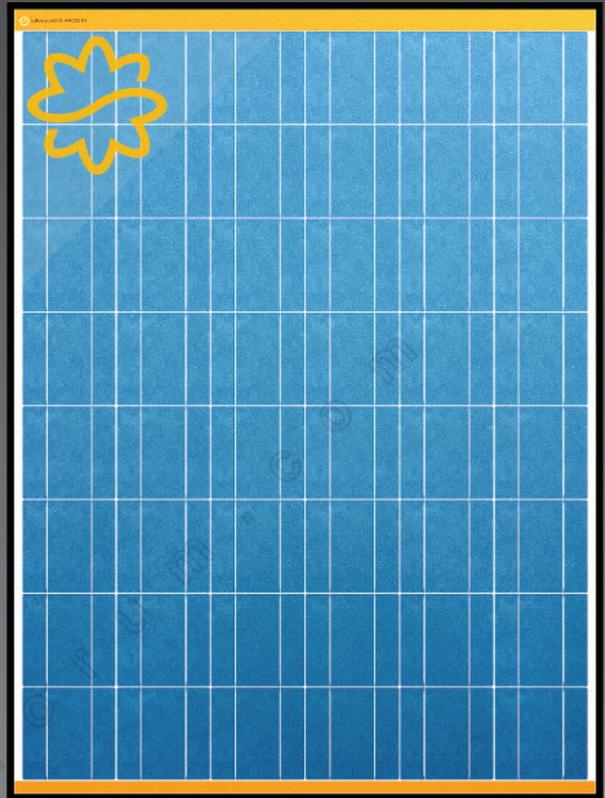
The modules are supplied with "4 holes" anodized aluminum frame for easier installation.

Photovoltaic modules **Solsonica608** 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 **Solsonica608** are designed and tested to resist wind, hail and other unusual weather phenomena.

Solsonica products portfolio, including **Solsonica610** 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)

			172	176	180	184	188	192
Maximum power	Pmax	W	172	176	180	184	188	192
Open-circuit voltage	Voc	V	29.88	29.96	30.12	37.76	37.86	37.96
Maximum power voltage	Vmp	V	23.36	23.60	23.84	24.09	24.33	24.57
Short-circuit current	Isc	A	7.88	7.96	8.05	8.13	8.21	8.29
Maximum power current	Imp	A	7.35	7.45	7.54	7.63	7.72	7.81

Manufacturing details

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

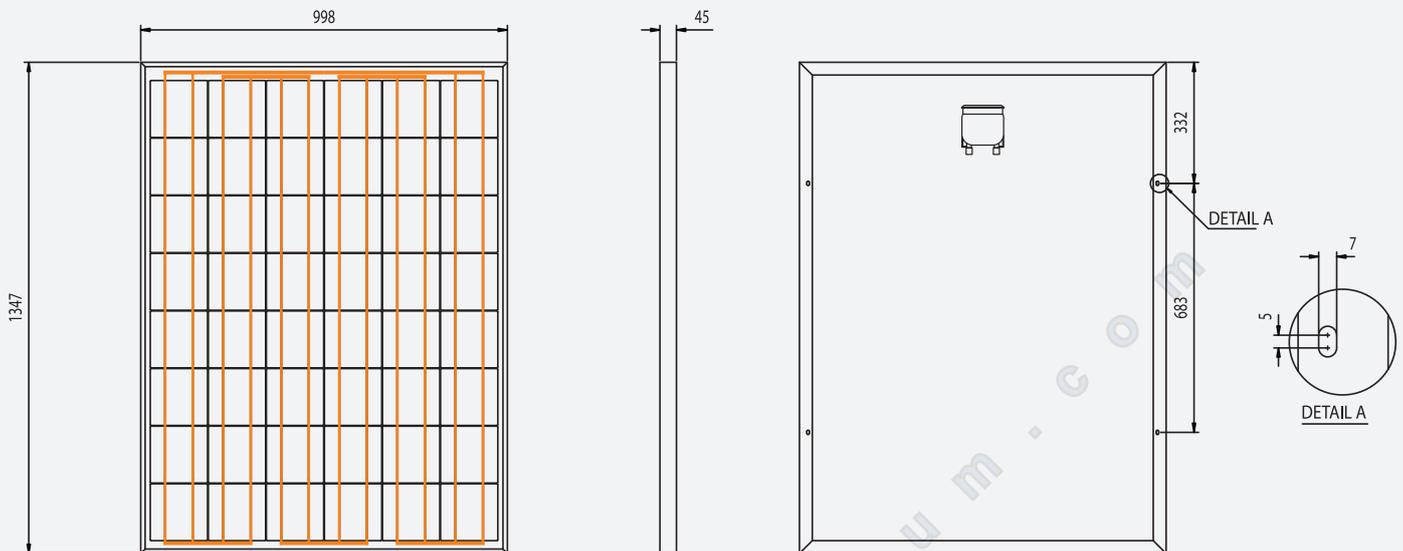
Warranties & certificates

- 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

solsonica 

Powering the planet

Dimensions (mm)



Other parameters

NOCT		°C	46.00
Current temperature coefficient	TkIsc	%K	0.025
Voltage temperature coefficient	TkVoc	%K	-0.340
Performance tolerance		%	+/-3
Maximum system voltage		V	1.000

Other specifications

Cells number	48
Cell type	p-Si
Cell size (mm)	156 x 156
Module size LxWxH (mm)	1347 x 998 x 45
Frame	Aluminum
Weight (Kg)	18
Junction box	Tyco - IP65

Solsonica reserves the right to make specification changes without notice.
This datasheet complies with the requirements of EN50380.

Release 1.0 (preliminary)

Solsonica S.p.A.

Viale delle Scienze, 5 - 02015 Cittaducale (RI) - Italy
Tel. +39 0746 604.500 - Fax +39 0746 604.309
info@solsonica.com - www.solsonica.com