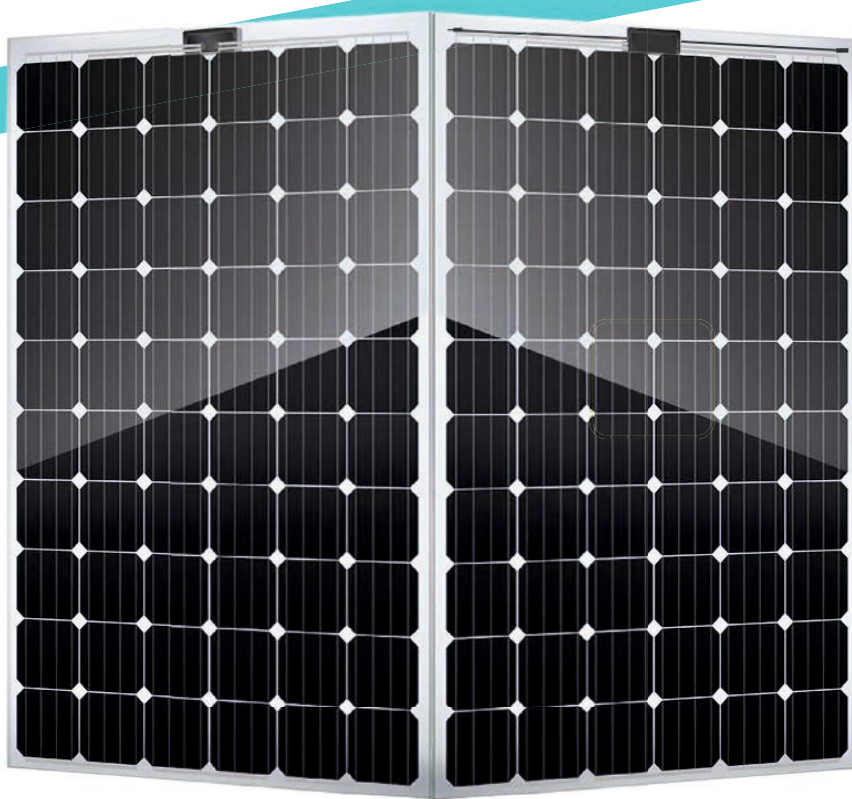


SOLID Bifacial

Glass/Glass

72 Cell



Front Side ⚡ 340W ⚡ +85W Backside

 Positive sorting up to +5W



PID free



Self-cleaning effect



Dust & Sand resistance



Fire class A



Salt mist resistance



Ammonia resistance



SOLITEK

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Updated 7th June, 2018

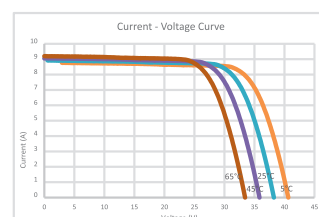
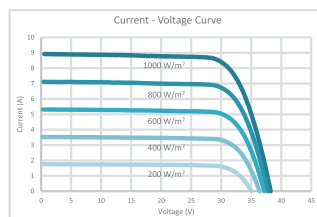
SOLID Bifacial

Glass/Glass

72 Cell

Electrical data (STC*)

Maximum Power (P_p)	340
Cell Technology	Mono C-Si
Open circuit Voltage (V_{oc}/V)	44.75
Short circuit Current (I_{sc}/A)	9.89
Max Power Voltage (V_{mp}/V)	36.47
Max Power Current (I_{mp}/A)	9.34
Module Efficiency (η)	17.24%
Max System Voltage (V)	1000
Max Current (A)	15
Power Sorting	0/+5W
Safety Class	II



*Under Standard Test Conditions (STC) of irradiance of 1000W/sq. m., spectrum AM 1.5 and cell temperature of 25 C
Flash testing measurement accuracy of +/- 5%

Additional Power Gain

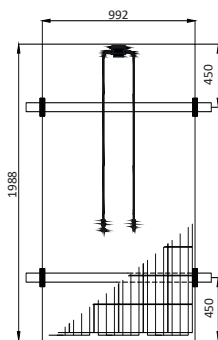
	5%	10%	20%	25%
Total Module Power (P_p)	357	374	408	425

Dimensions & Mounting

2400/2400 Pa

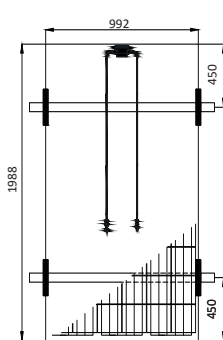
2400/5400 Pa

2400/8000 Pa



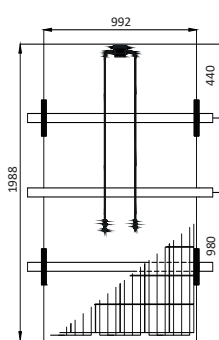
Alumero fixing clamps
END/MID clamps 6.8 100mm

4x100 mm



Alumero fixing clamps
END/MID clamps 6.8 200mm

4x200 mm



Alumero fixing clamps
END/MID clamps 6.8 200mm

4x200 mm

Alumero fixing clamps END/MID click 6.8

Temperature ratings

	Polycrystalline	Monocrystalline
Temperature Coefficient $I_{sc}(\alpha_{I_{sc}})$	+0,05% /°C	+0,04% /°C
Temperature Coefficient $V_{oc}(\beta_{V_{oc}})$	-0,34% /°C	-0,35% /°C
Temperature Coefficient $P_{max}(\gamma_{P_{mp}})$	-0,46% /°C	-0,47% /°C
Nominal Operating Cell Temperature	46°C	

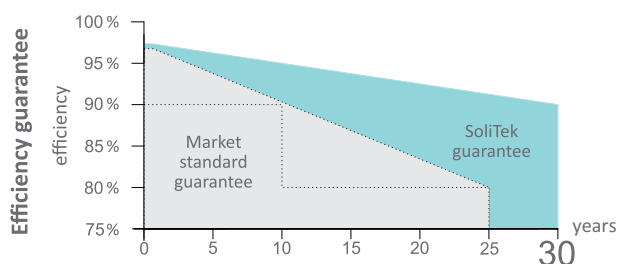
Mechanical data

Dimensions (LxWxH) (mm)	1988x992x7,1
Weight (kg)	32
Front / Back glass (mm)	3,15
Cell Type	Bifacial mono C-Si
Cell Size	156.75x156.75mm
Busbars	5
Frame	Frameless
Operating Temperature	-40~+85C
Max Load (wind/snow) (Pa)	2400/8000
Junction Box / IP Class	TE Connectivity J-box IP67
Cable Cross Section Size (mm2)	4
Bypass Diodes	3
Connector	PV4-S Male/Female

ATTENTION

- Always check if your system is compatible with local environmental conditions (wind/snow load, temperatures) on your site to ensure safety and long-term energy production.
- Do not connect more than 18 panels in a string (Criteria: V_{oc} -10°C, 1000V system).
- By connecting less than 5 PV panels in one string there is a risk of inverter inability to start.
- Do not connect differently orientated PV panels in the same string / MPPT of the inverter (unless optimizers are used).
- Do not connect strings with an unequal amount of PV panels in one MPPT (unless optimizers are used)
- Use PV panels of same electrical parameters in one string/MPPT (unless optimizers are used).
- Always ensure that your inverter is equipped with DC disconnect. If not it is recommended to install it externally.
- Never let different metals come in contact with each other. Use bi-metallic plates or plastic separators to eliminate galvanic corrosion.
- It is highly recommended to install SPD's in both AC and DC circuits because overvoltages void the warranty for inverters and also panels if they are harmed.
- It is highly recommended to ground mounting structure and to install lightning protection in site.

This datasheet is not legally binding. The manufacturer reserves the right to make changes to product specifications and/or product features without prior notice. The most recent versions of all documents (T&C's, datasheets, warranties, and installation manuals can always be found on our website at www.solitek.eu).



Tips for Better Power Output

- Better module ventilation and shorter connection cables increase electrical energy production.
- Always observe object/mutual shading in site. Shading can drastically cut electrical energy generation output.
- Increase PV panel height from the ground so that more light can travel beneath the module and then reflect
- The Albedo value increases significantly if modules are installed above white, light-reflecting surfaces.

Dealer Information



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