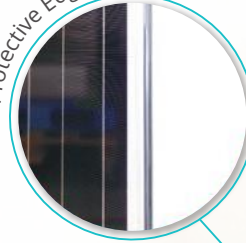


SOLID Framed

60 Cell

Glass / Glass

Protective Edge Sealing



Mono ⚡ 325W

+ Positive sorting up to +5W

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G052020-1



SELF-CLEANING EFFECT



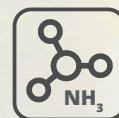
SALT MIST RESISTANCE



FIRE CLASS A



DUST & SAND RESISTANCE



AMMONIA RESISTANCE



PRODUCED USING 100% RENEWABLE ENERGY



PID free

SOLID Framed

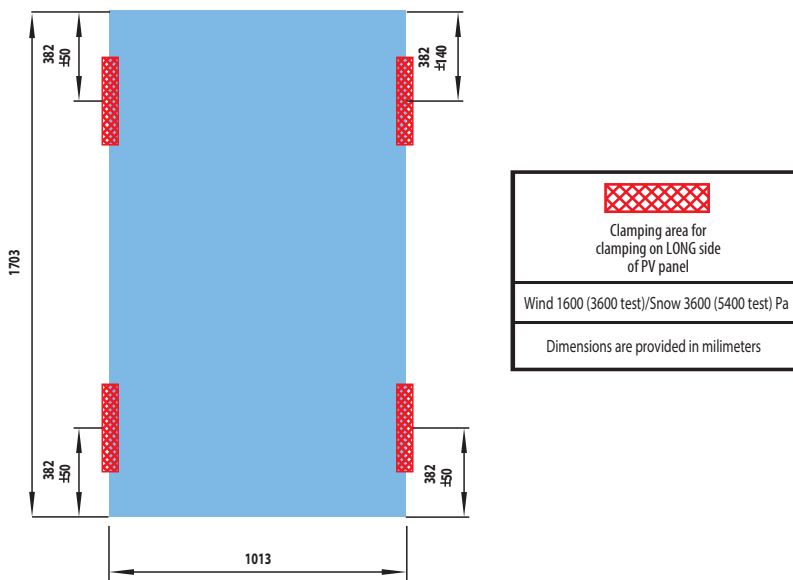
Glass / Glass

60 Cell

Electrical data (STC*)	
Maximum Power (W_p)	325
Open circuit Voltage (V_{oc}/V)	41,39
Short circuit Current (I_{sc}/A)	9,87
Max Power Voltage (V_{mp}/V)	34,41
Max Power Current (I_{mp}/A)	9,47
Module Efficiency (η)	18,55%
Max System Voltage (V)	1500
Max Current (A)	15
Power Sorting	0/+5W
Safety Class	II

*Under Standart Test Conditions (STC) of irradiance of 1000W/sq. m., spectrum AM 1.5 and cell temperature of 25 C

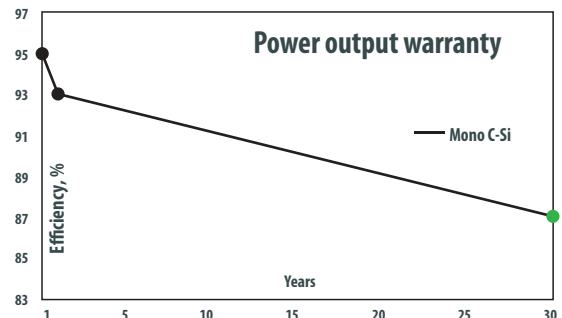
Dimensions & Mounting



Mechanical data	
Dimensions (LxWxH) (mm)	1703x1013x35
Weight (kg)	22
Front / Back glass (mm)	2
Cell Type	Mono C-Si
Cell Configuration	6x10
Cell Size (mm)	158,75x158,75
Busbars	5
Frame	Anodised Aluminium frame
Operating Temperature ($^{\circ}C$)	-40 ÷ +85
Max Load (wind/snow) (Pa)	1600/3600**
Junction Box / IP Class	IP68
Cable Cross Section Size (mm ²)	4
Bypass Diodes	3
Connector	MC4

**Safety factor 1,5

Temperature ratings	Monocrystalline
Current temperature coefficient (α)	+0,04% / $^{\circ}C$
Voltage temperature coefficient (β)	-0,35% / $^{\circ}C$
Power temperature coefficient (δ)	-0,47% / $^{\circ}C$
Nominal Operating Module Temperature	46 $^{\circ}C$



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 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 PV panels and to install lightning protection in site.

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.

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&Cs, datasheets, warranties, and installation manuals can always be found on our website at www.solitek.eu).

Certificates and memberships



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