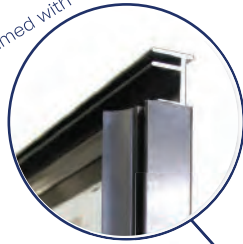


SOLID Solrif®

Glass / Glass



Framed with Solrif®



In-Roof



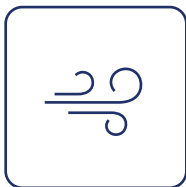
Self-cleaning effect



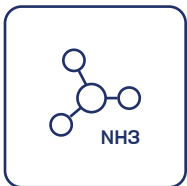
Salt mist resistance



Fire class A



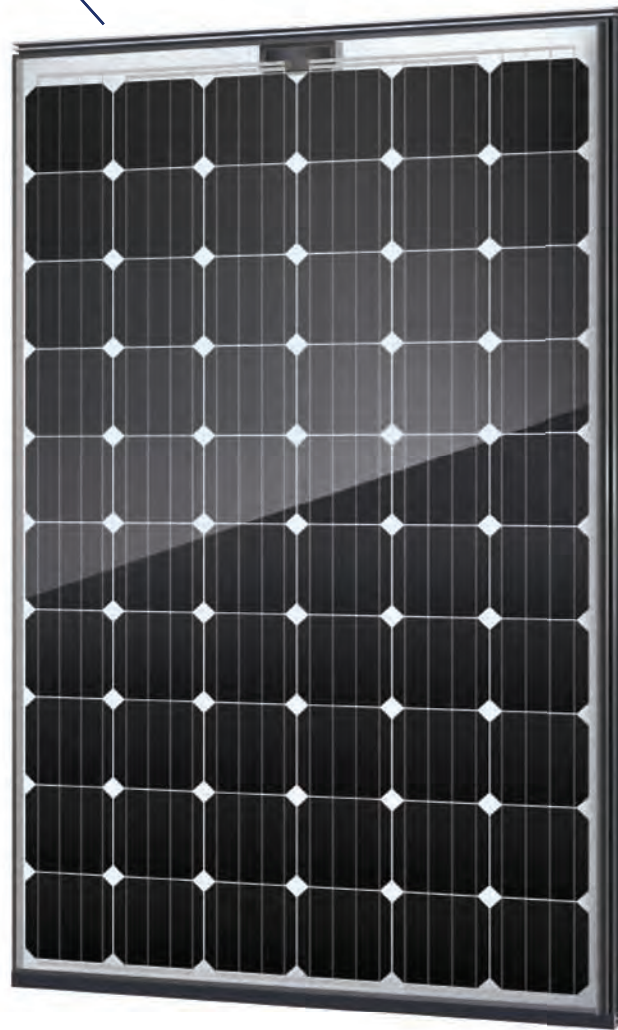
Dust & Sand resistance



Ammonia resistance



Extreme load resistance



Positive sorting up to +5W

SOLITEK

Mokslininku str. 6A,
Vilnius 08412, Lithuania
Tel. +370 5 263 8774
info@solitek.eu
www.solitek.eu

Mono ⚡ 320W

30

Product warranty

87%

Power guarantee

30

Efficiency guarantee

Glass / Glass

Electrical data (STC*)	
Maximum Power	320
Cell Technology	Mono C-Si
Open circuit voltage (V_{oc}/V)	41,16
Short circuit Current (I_{sc}/A)	9,77
Max Power Voltage (V_{mpp}/V)	34,23
Max Power Current (I_{mpp}/A)	9,36
Module Efficiency (η)	17,68%
Max System Voltage (V)	1500
Max Current (A)	15
Power Tolerance	0/+5W

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

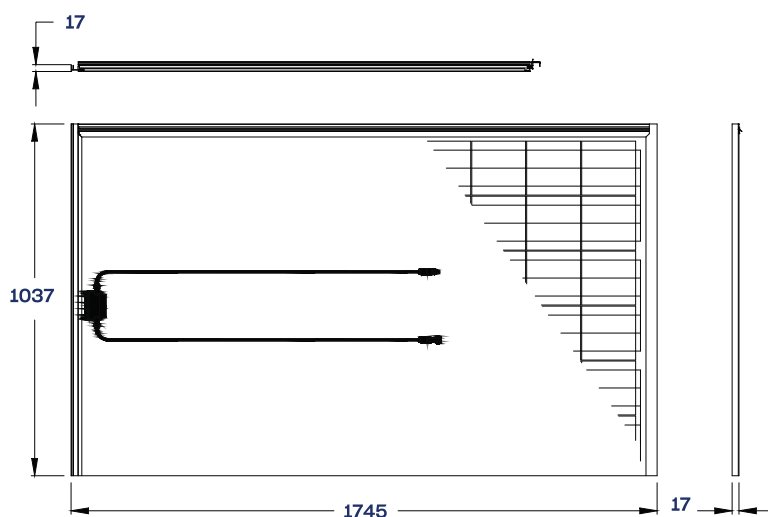
Flash testing measurement accuracy of +/- 5% All transparency values are approximate +/- 3%

Temperature ratings	Monocrystalline
Current temperature coefficient (α)	+0,04% /° C
Voltage temperature coefficient (β)	-0,35% /° C
Power temperature coefficient (δ)	-0,47% /° C
Nominal Operating Module Temperature	46° C

Mechanical data	
Dimensions (LxWxH) (mm)	1745x1037x17
Dimensions with edge sealing (LxWxH) (mm)	1727x1005x17
Weight (kg)	32
Front / Back glass (mm)	3,15
Cell Type	Poly C-Si / Mono C-Si
Cell Size (mm)	158,75x158,75
Transparency %	10
Cell configuration	6x10
Busbars	5
Frame	Solrif®
Operating Temperature (°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

Dimensions & Mounting

1600/3600 Pa**



**Safety factor 1,5

Optimal Weather Lightness
Frames are shingled from top to bottom and are interlocking left to right much like tiles for optimal weather protection.

Easy Installation
The modules are held by metal clamps that are mounted to the roof battens. This allows for quick and easy installation.



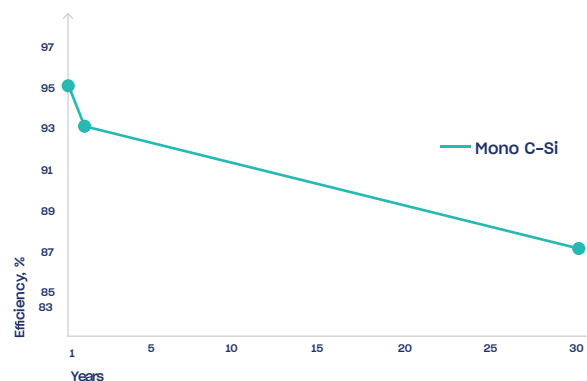
Tips for Better Power Output

- 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.

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 disconnecter. 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 mounting system and to install lightning protection in site.

Power output warranty



Certificates and memberships

