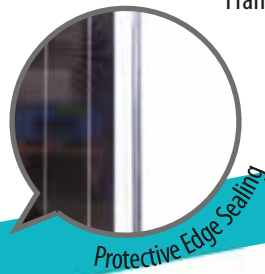


# Solid PRO

Glass / Glass

## 60 Cell

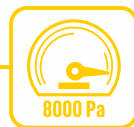
Frameless



Protective Edge Sealing



Fire class A



Extreme load resistance

8000 Pa



Self-cleaning effect



Salt mist resistance



Ammonia resistance



Dust & Sand resistance



Mono

⚡ 300W

⚡ 270W

Poly



Positive sorting up to +5W



## SOLITEK

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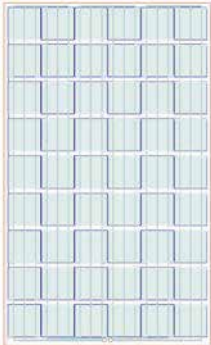
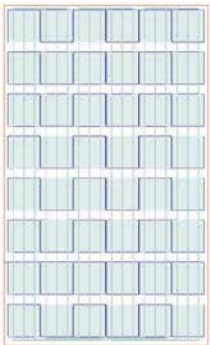
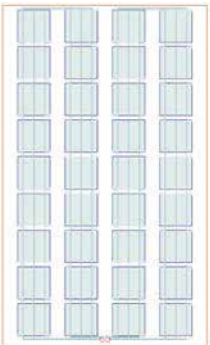
Last updated 7th June, 2018

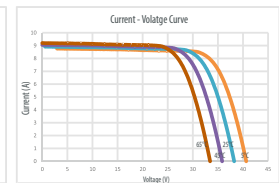
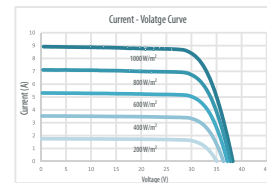
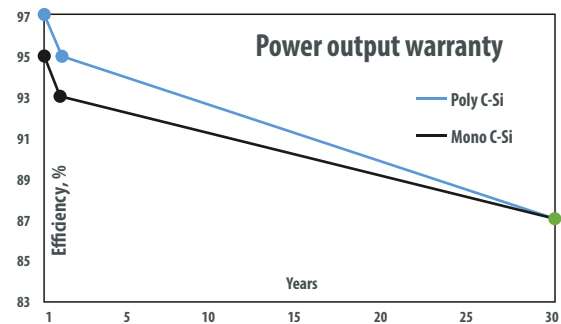
Electrical data (STC*)	Regular Transparency		Increased Transparency					
Transparency %	10%		20%		30%		45%	
Maximum Power ( $W_p$ )	300	270	270	240	230	210	165	150
Cell Configuration	6x10		6x9		6x8		4x9	
Cell Technology	Mono C-Si	Poly C-Si	Mono C-Si	Poly C-Si	Mono C-Si	Poly C-Si	Mono C-Si	Poly C-Si
Open circuit Voltage ( $V_{oc}/V$ )	39.45	38.80	35.51	34.92	35.56	31.40	23.67	23.38
Short circuit Current ( $I_{sc}/A$ )	9.90	9.42	9.89	9.41	9.88	9.40	9.87	20.70
Max Power Voltage ( $V_{mpp}/V$ )	32.15	34.50	28.94	31.05	25.72	27.60	19.29	17.67
Max Power Current ( $I_{mpp}/A$ )	9.35	8.89	9.34	8.88	9.33	8.87	9.32	8.86
Module Efficiency ( $\eta$ )	18.11%	16.30%	16.30%	14.49%	13.88%	12.68%	9.96%	9.05
Max System Voltage (V)	1000		1000					
Max Current (A)	15		15					
Power Tolerance	0/+5W		0/+5W					

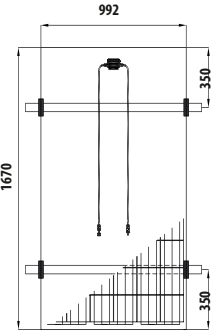
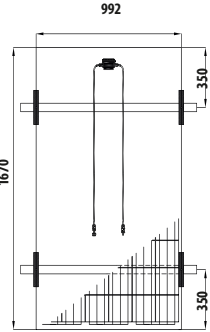
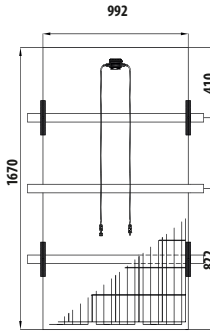
\*Under Standard Test Conditions (STC) of irradiance of 1000W/sq. m., spectrum AM 1.5 and cell temperature of 25 C

Flash testing measurement accuracy of +/- 5%

All transparency values are approximate +/- 3%

Increased Module Transparency		
20% (54 cells)	30% (48 cells)	45% (36 cells)
		
Configuration: 6x9	Configuration: 6x8	Configuration: 4x9



Dimensions & Mounting		
2400/2400 Pa	2400/5400 Pa	2400/8000 Pa
		
Alumero fixing clamps END/MID clamps 6.8 100mm	Alumero fixing clamps END/MID clamps 6.8 200mm	Alumero fixing clamps END/MID clamps 6.8 200mm
4x100 mm	4x200 mm	4x200 mm

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

Mechanical data	
Dimensions (LxWxH) (mm)	1670x992x7,1
Weight (kg)	27
Front / Back glass (mm)	3,15
Cell Type	Poly C-Si / 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
Optimization	Tigo Ts4 (Optional)

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](http://www.solitek.eu)).

## Dealer Information



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