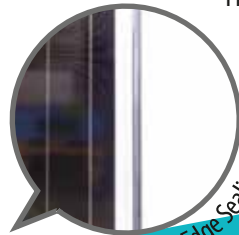


# Solid PRO

Glass / Glass

## 72 Cell

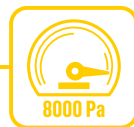
Frameless



Protective Edge Sealing



Fire class A



Extreme load resistance



Self-cleaning effect



Salt mist resistance



Ammonia resistance



Dust & Sand resistance



Mono

⚡ 340W

⚡ 320W

Poly



Positive sorting up to +5W



IEC 61215

IEC 61730



PID free

## SOLITEK

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www.solitek.eu

Last updated 7th June, 2018

Electrical data (STC*)	Regular Transparency		Increased Transparency					
Transparency %	10%		20%		30%		45%	
Maximum Power ( $W_p$ )	340	320	300	285	270	260	200	190
Cell Configuration	6x12		6x11		6x10		4x11	
Cell Type	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 ( $V_{oc}/V$ )	46.84	45.49	46.26	45.27	46.62	44.65	46.35	44.58
Short circuit Current ( $I_{sc}/A$ )	9.55	9.26	8.53	8.28	7.76	7.66	5.68	5.61
Max Power Voltage ( $V_{mpp}/V$ )	37.37	36.78	38.45	36.52	38.08	36.00	37.82	35.93
Max Power Current ( $I_{mpp}/A$ )	9.1	8.70	7.80	7.80	7.22	7.22	5.29	5.29
Module Efficiency ( $\eta$ )	17.24%	16.23%	15.21%	14.45%	13.69%	13.18%	10.14%	9.63%
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%

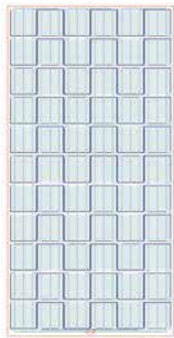
All transparency values are approximate +/- 3%

### Increased Module Transparency

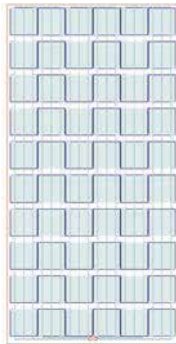
15% (66 cells)

25% (60 cells)

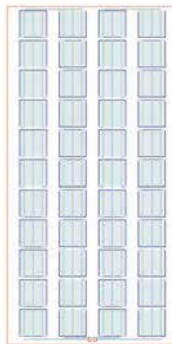
45% (44 cells)



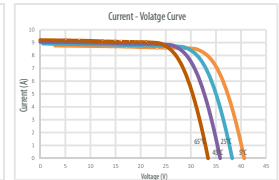
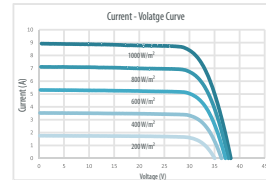
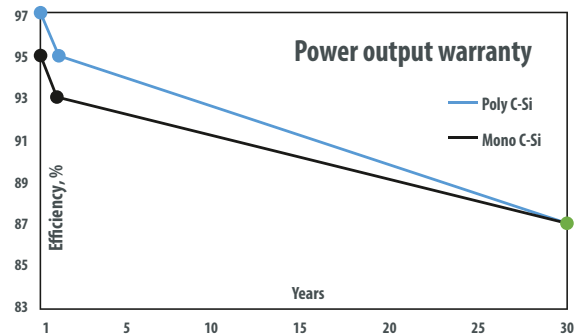
Configuration: 6x11



Configuration: 6x10



Configuration: 4x11

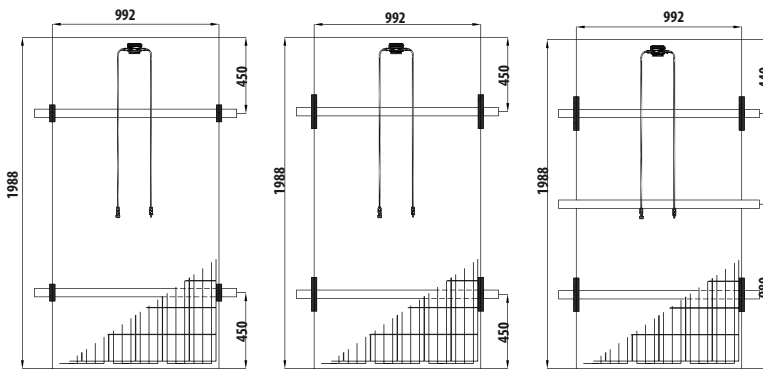


### Dimensions & Mounting

2400/2400 Pa

2400/5400 Pa

2400/8000 Pa



4x100 mm

4x200 mm

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 $P_{max}(\nu_{P_{max}})$	+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	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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