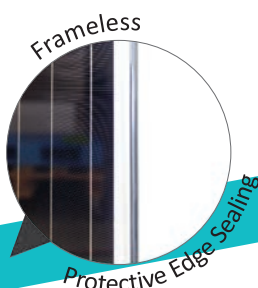


Solid PRO

Glass/Glass

60 Cell



Fire class A



Extreme load resistance



Self-cleaning effect



Salt mist resistance



Ammonia resistance



Dust & Sand resistance



Mono

⚡ 300W

⚡ 270W

Poly



Positive sorting up to +5W



IEC 61215
IEC 61730



PID free



SOLITEK

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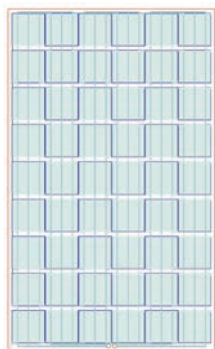
Last updated 7th June, 2018

Electrical data (STC*)	Regular Transparency		Increased Transparency					
Transparency %	10%		20%		30%		45%	
Maximum Power (P_m)	300		270		230		165	
Cell Configuration	6x10		6x9		6x8		4x9	
Cell Technology	Mono C-Si		Poly C-Si		Mono C-Si		Poly C-Si	
Open circuit Voltage (V_{oc}/V)	39.45		38.80		35.51		31.56	
Short circuit Current (I_{sc}/A)	9.90		9.42		9.89		9.41	
Max Power Voltage (V_{mp}/V)	32.15		34.50		28.94		31.05	
Max Power Current (I_{mp}/A)	9.35		8.89		9.34		8.88	
Module Efficiency (η)	18.11%		16.30%		13.88%		12.68%	
Max System Voltage (V)	1000		1000		1000		1000	
Max Current (A)	15		15		15		15	
Power Tolerance	0/+5W		0/+5W		0/+5W		0/+5W	

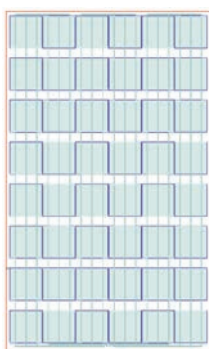
*Under Standard Test Conditions (STC) of irradiance of 1000W/sq. m., spectrum AM 1.5 and cell temperature of 25 C

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

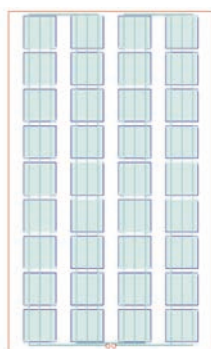
Increased Module Transparency
20% (54 cells)
30% (48 cells)
45% (36 cells)



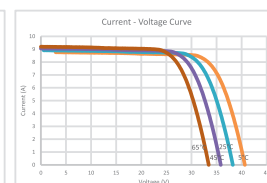
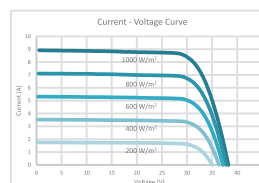
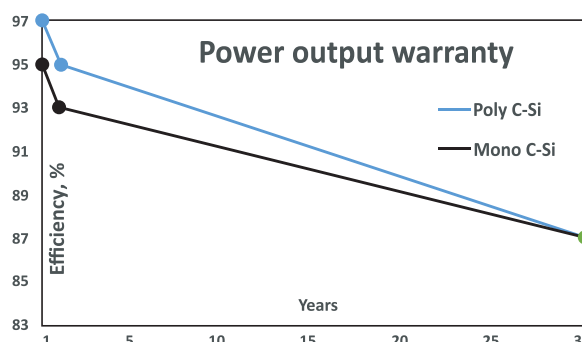
Configuration: 6x9



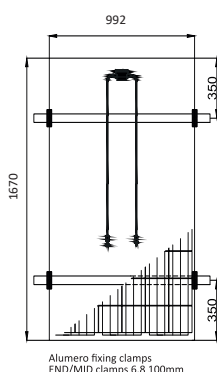
Configuration: 6x8



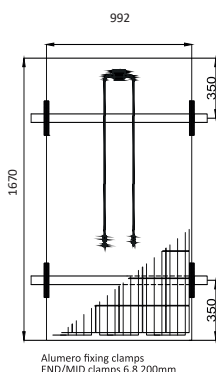
Configuration: 4x9



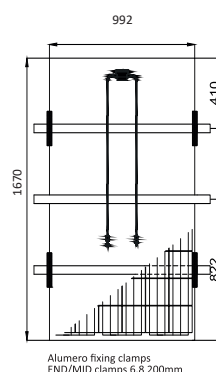
Dimensions & Mounting
2400/2400 Pa
2400/5400 Pa
2400/8000 Pa



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 $V_{oc}(R_{V_{oc}})$	-0,34% /°C	-0,35% /°C
Temperature Coefficient $P_{max}(V_{P_{mp}})$	-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&C's, datasheets, warranties, and installation manuals can always be found on our website at www.solitek.eu.

Dealer Information



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