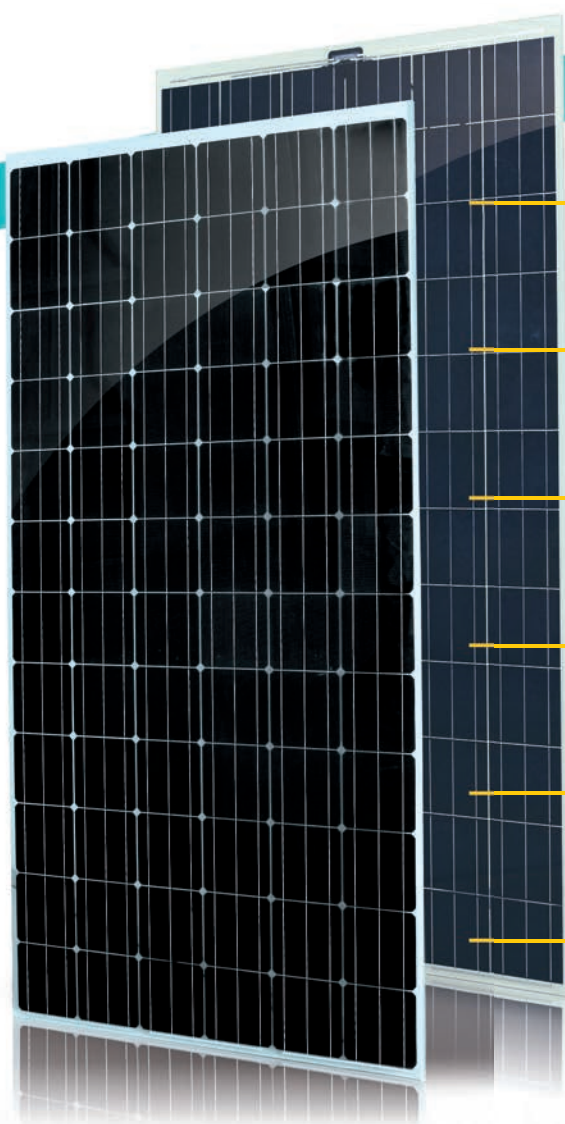
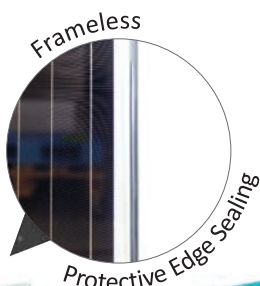


Solid PRO

Glass/Glass

72 Cell



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



Photovoltaic Modules
Testing in cooperation with AEA wireless
■ Design qualification and type approval
■ Requirements for construction and testing



SOLITEK

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Last updated 21th May, 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 Configuraon	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 (η)	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

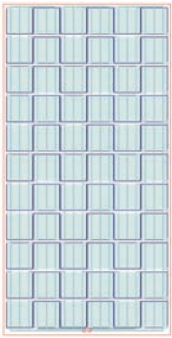
Flash testing measurement accuracy of +/- 5% All transparency values are approximate +/- 3%

Increased Module Transparency

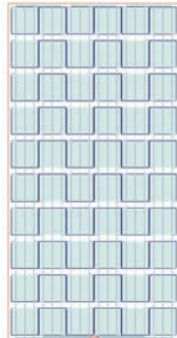
15% (66 cells)

25% (60 cells)

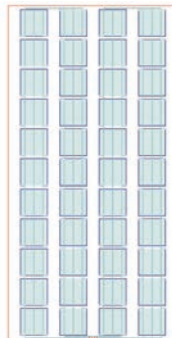
45% (44 cells)



Configuration: 6x11



Configuration: 6x10



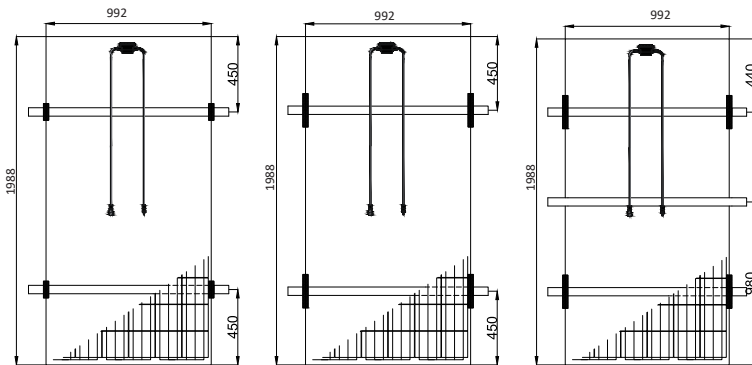
Configuration: 4x11

Dimensions & Mounting

2400/2400 Pa

2400/5400 Pa

2400/8000 Pa

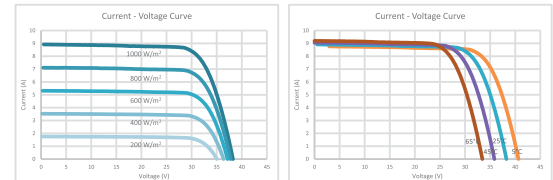
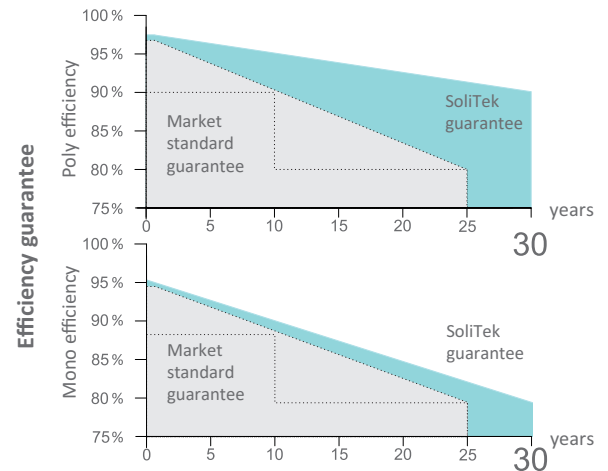


Alumero fixing clamps END/MID click 6.8

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 $V_{oc}(\beta_{V_{oc}})$	-0,34% /°C	-0,35% /°C
Temperature Coefficient $P_{max}(VP_{max})$	-0,46% /°C	-0,47% /°C
Nominal Operating Cell Temperature ²	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	4
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)

Dealer Information

