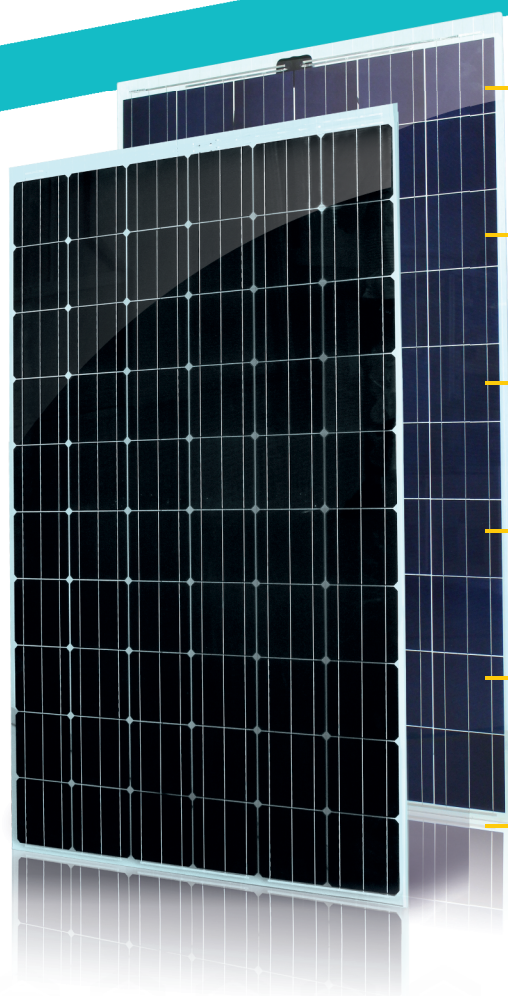
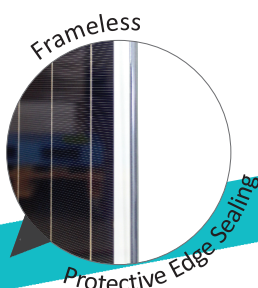


Solid PRO

Glass/Glass

60 Cell



Fire class A



Extreme load resistance



Self-cleaning effect



Salt mist resistance



Ammonia resistance



Dust & Sand resistance



Mono

⚡ 290W

⚡ 270W

Poly



Positive sorting up to +5W



IEC 61215
IEC 61730



PID free

SOLI TEK

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www.solitek.eu

Electrical data (STC*)	Regular Transparency				Increased Transparency			
Transparency %	10%				20%	30%	45%	
Maximum Power (W_p)	290	280	270	260	250	230	220	200
Cell Configuration	6x10				6x9	6x8	4x9	150
Cell Type	Monocrystalline		Polycrystalline		Mono	Poly	Mono	Poly
Open circuit Voltage (V_{oc}/V)	39.37	38.80	38.80	38.47	37.43	34.92	33.00	30.40
Short circuit Current (I_{sc}/A)	9.69	9.42	9.17	8.84	8.79	8.70	8.77	8.69
Max Power Voltage (V_{mpp}/V)	31.90	31.50	31.28	30.88	28.24	26.96	25.52	23.50
Max Power Current (I_{mpp}/V)	9.09	8.89	8.63	8.42	8.64	8.53	8.62	8.51
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

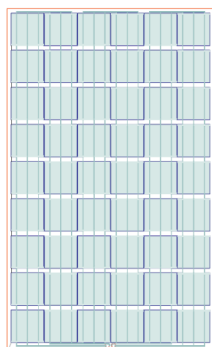
Flash testing measurement accuracy of +/- 5% All transparency values are approximate +/- 3%

Increased Module Transparency

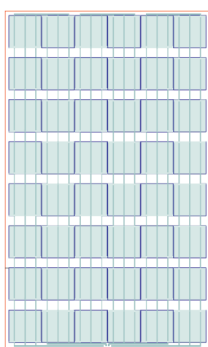
20% (54 cells)

30% (48 cells)

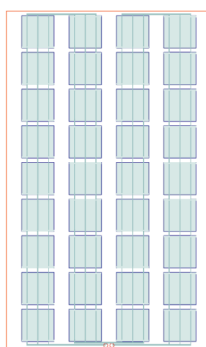
45% (36 cells)



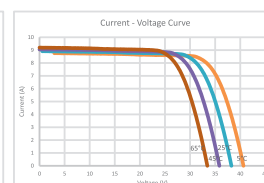
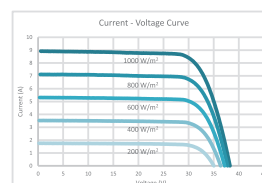
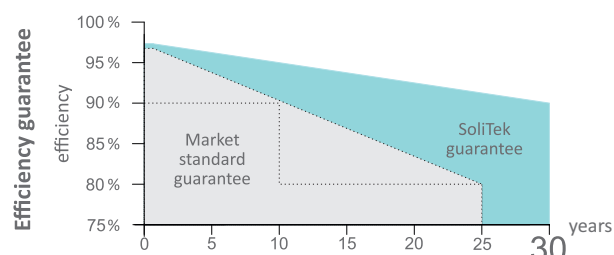
Configuration: 6x9



Configuration: 6x8



Configuration: 4x9

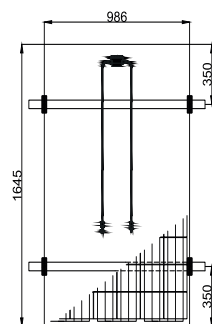


Dimensions & Mounting

2400/2400 Pa

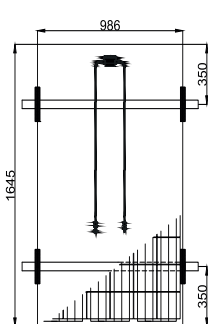
2400/5400 Pa

2400/8000 Pa



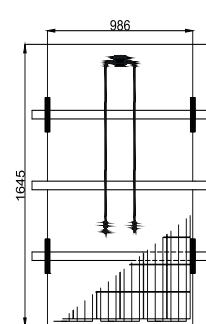
Alumero fixing clamps
END/MID clamps 6.8 100mm

4x100 mm



Alumero fixing clamps
END/MID clamps 6.8 200mm

4x200 mm



Alumero fixing clamps
END/MID clamps 6.8 200mm

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 $V_{oc}(B V_{oc})$	-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)	1645x986x7,1
Weight	27
Front/Black Glass (mm)	3
Cells	Poly/Mono 6-inch 156x156 mm
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 (Optional)

Dealer Information



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