



## TECHNICAL DATA - GL.01

<b>PHOTOVOLTAIC GLASS</b>		
	<b>2.100 x 770</b>	
	<b>6" Mono</b>	<b>Crystalline</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	177	P <sub>mpp</sub> (Wp)
Open-circuit voltage	25	V <sub>oc</sub> (V)
Short-circuit current	8,93	I <sub>sc</sub> (A)
Voltage at nominal power	21	V <sub>mpp</sub> (V)
Current at nominal power	8,39	I <sub>mpp</sub> (A)
Power tolerance not to exceed	± 10	%
STC: 1000 w/m <sup>2</sup> , AM 15 and a cell temperature of 25°C, stabilized module state.		
<b>Mechanical description</b>		
Length	2100	mm
Width	770	mm
Thickness	46,56	mm
Surface area	1,62	sqm
Weight	81	Kgs
Cell type	6" Mono	Crystalline
No PV cells / Transparency degree	40	43%
Front Glass	4 mm	Tempered Glass Low-Iron
Rear Glass	4 mm	Tempered Glass
Gas Spacer	12 mm	Argon Chamber
Inner Glass	4 mm	Float Glass Low-e
Gas Spacer	12 mm	Argon Chamber
Inner Glass	4 mm	Float Glass Low-e
Inner Glass	4 mm	Float Glass
Thickness encapsulation	1,80 mm	EVA Foils
Category / Color code	B	To Define
Thickness encapsulation	0,76 mm	PVB COLOR Foils
<b>Junction Box</b>		
Protection	IP65	
Wiring Section	2,5 mm <sup>2</sup> or 4,0 mm <sup>2</sup>	
<b>Limits</b>		
Maximum system voltage	1000	V <sub>sys</sub> (V)
Operating module temperature	-40...+85	°C
<b>Temperature Coefficients</b>		
Temperature Coefficient of P <sub>mpp</sub>	-0,451	%/°C
Temperature Coefficient of V <sub>oc</sub>	-0,361	%/°C
Temperature Coefficient of I <sub>sc</sub>	+0,08	%/°C

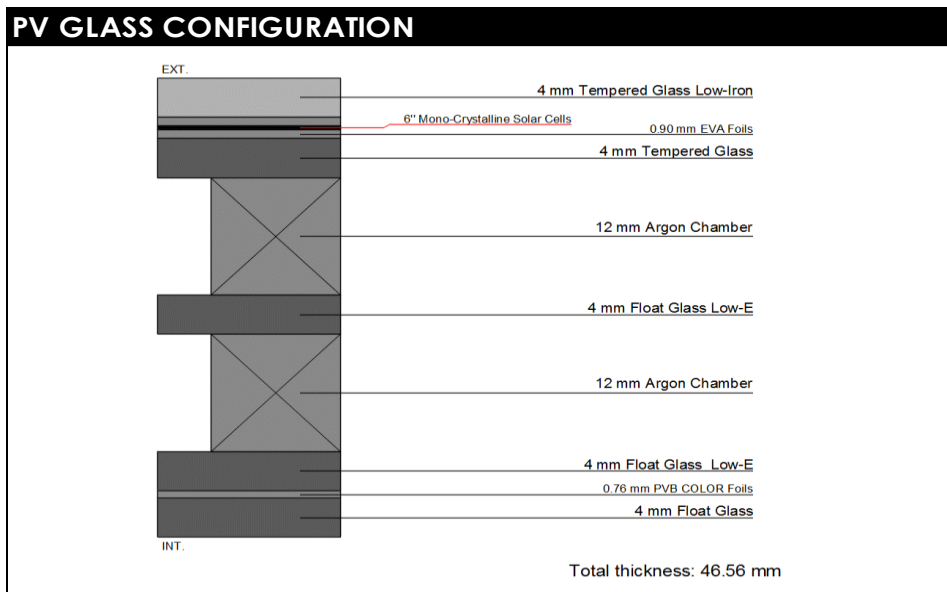
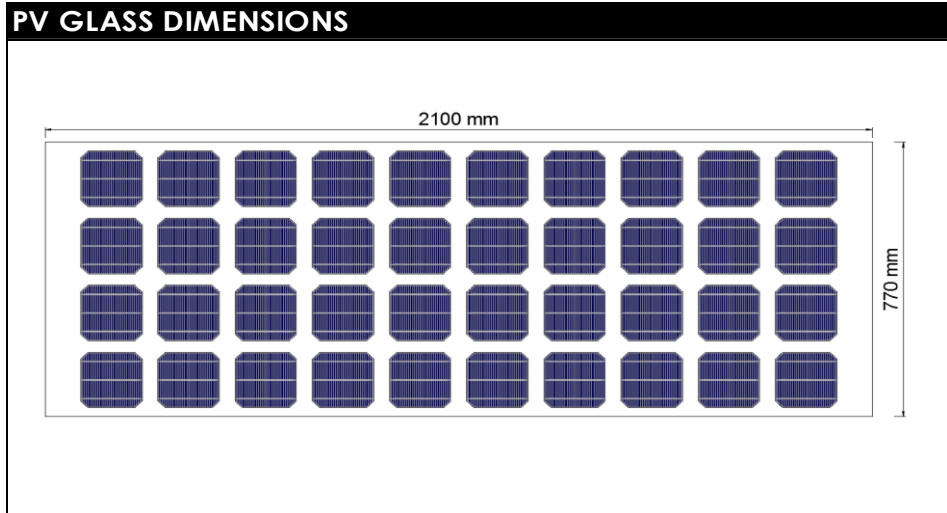
\* All technical specifications are subject to change without notice by Onyx Solar

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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	43%
U-value [W/sqm.K]	0,7
Solar Factor/SHGC - Estimated	0,2
Peak Power [Wp/sqm]	109,2

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