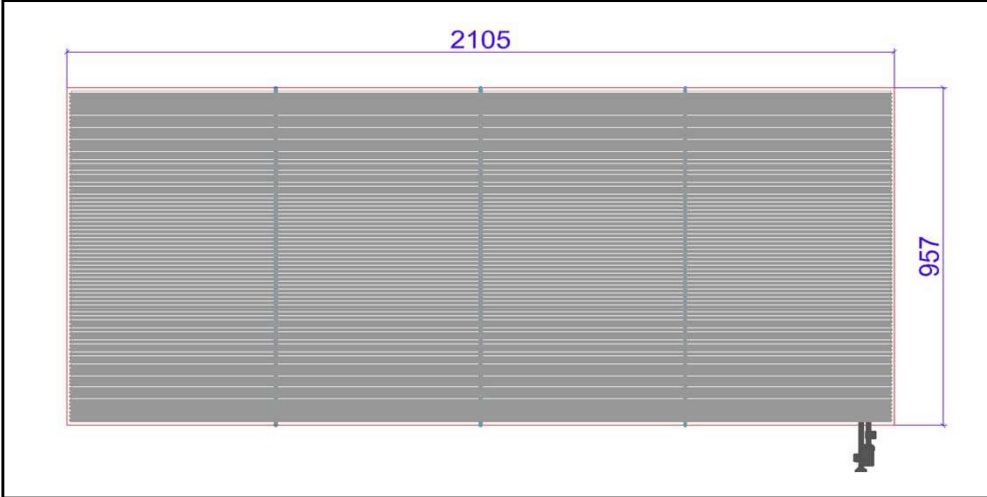


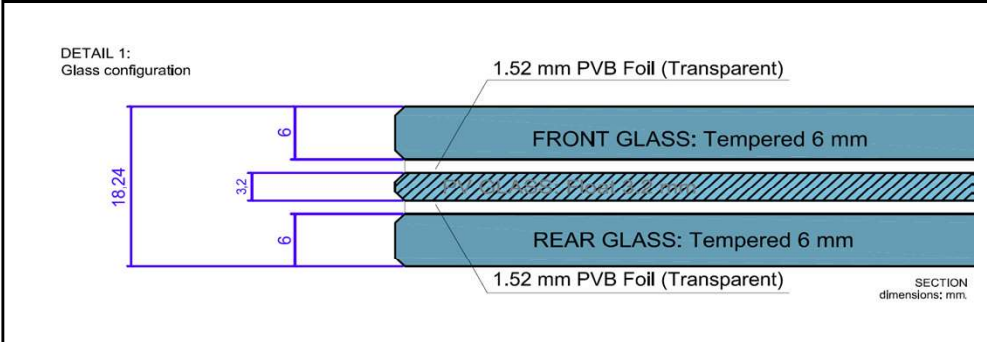
PHOTOVOLTAIC GLASS		957 x 2105	
		XL	Vision (30%)
Electrical data test conditions (STC)			
Nominal peak power	56	P_{mpp}	(Wp)
Open-circuit voltage	164	V_{oc}	(V)
Short-circuit current	0.59	I_{sc}	(A)
Voltage at nominal power	113	V_{mpp}	(V)
Current at nominal power	0.50	I_{mpp}	(A)
Power tolerance not to exceed	±5	%	
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.			
Mechanical description			
Length	957	mm	
Width	2105	mm	
Thickness	18.24	mm	
Surface area	2.01	sqm	
Weight	92	Kgs	
Cell type	α-Si	Thin Film	
Transparency degree	XL	Vision (30%)	
Front Glass	6 mm	Tempered Glass	
PV Active Glass	3,2 mm	Float Glass	
Rear Glass	6 mm	Tempered Glass	
Thickness encapsulation	2 x 1,52 mm	PVB Foils	
Category / Color code			
Junction Box			
Protection	IP65		
Wiring Section	2,5 mm ² or 4,0 mm ²		
Limits			
Maximum system voltage	1000	V_{sys}	(V)
Operating module temperature	-40...+85	°C	
Temperature Coefficients			
Temperature Coefficient of P_{mpp}	-0,19	%/°C	
Temperature Coefficient of V_{oc}	-0,28	%/°C	
Temperature Coefficient of I_{sc}	+0,09	%/°C	

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES

Onyx Equivalent Glass

Solar Factor/SHGC	37.00%
Light Transmission	30%
UV Transmission	< 1%
Light Reflection	8%
U-value [W/sqm.K]	5.2
Peak Power [Wp/sqm]	28.0