



TECHNICAL DATA - GL.02

PHOTOVOLTAIC GLASS		1245 x 2456
		L Vision (20%)
Electrical data test conditions (STC)		
Nominal peak power	104	P_{mpp} (Wp)
Open-circuit voltage	191	V_{oc} (V)
Short-circuit current	0,97	I_{sc} (A)
Voltage at nominal power	132	V_{mpp} (V)
Current at nominal power	0,79	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	1245	mm
Width	2456	mm
Thickness	18,24	mm
Surface area	3,06	sqm
Weight	116	Kgs
Cell type	α -Si	Thin Film
Transparency degree	L	Vision (20%)
Front Glass	6 mm	Tempered Glass
PV Active Glass	3,2 mm	Float Glass
Rear Glass	6 mm	Tempered Glass
Thickness encapsulation	1,52 mm	PVB Foils (x2)
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
Max. Series Fuse	3	A
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



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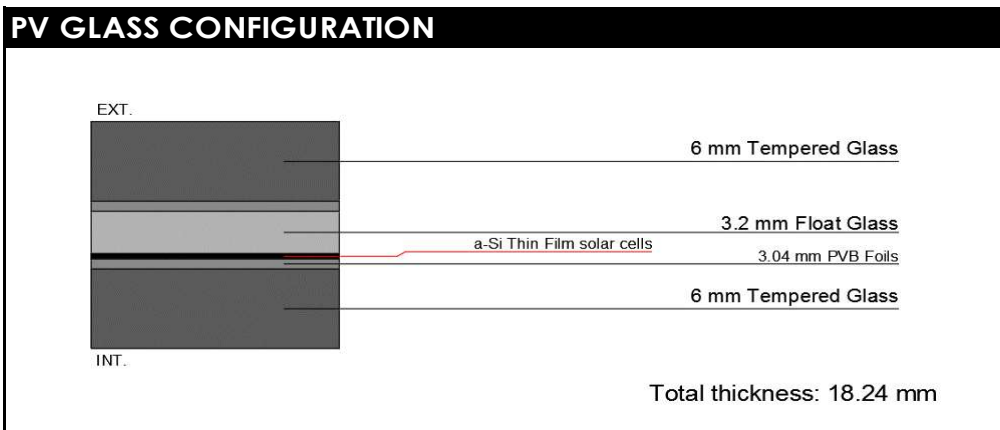
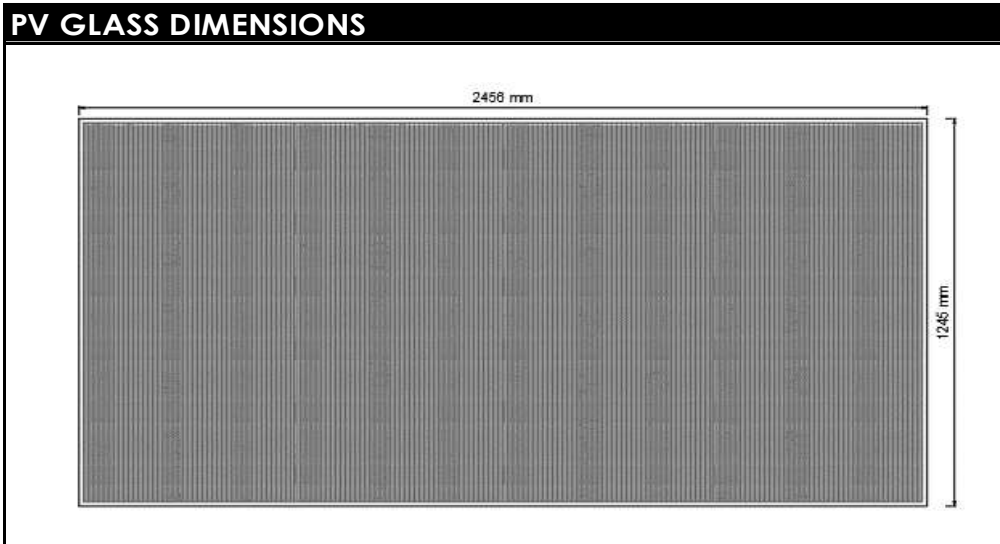
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GLASS PROPERTIES	Onyx Equivalent Glass
Solar Factor/SHGC	32.00%
Light Transmission	16.30%
UV Transmission	< 1%
Light Reflection	8%
U-value [W/sqm.K]	5,5
Peak Power [Wp/sqm]	34,0



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