



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		
	1.616 x 1326	
	6" Mono 3BB	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	331	P _{mpp} (Wp)
Open-circuit voltage	48	V _{oc} (V)
Short-circuit current	8,71	I _{sc} (A)
Voltage at nominal power	40	V _{mpp} (V)
Current at nominal power	8,20	I _{mpp} (A)
Power tolerance not to exceed	±10	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	1616	mm
Width	1326	mm
Thickness	9,8	mm
Surface area	2,14	sqm
Weight	43	Kgs
Cell type	6" Mono 3BB	Crystalline
No PV cells / Transparency degree	72	23%
Front Glass	4 mm	Tempered Glass Low-Iron
Rear Glass	4 mm	Tempered Glass
Thickness encapsulation	1,80 mm	EVA 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}	-0,38	%/°C
Temperature Coefficient of V _{oc}	-0,29	%/°C
Temperature Coefficient of I _{sc}	0,04	%/°C

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



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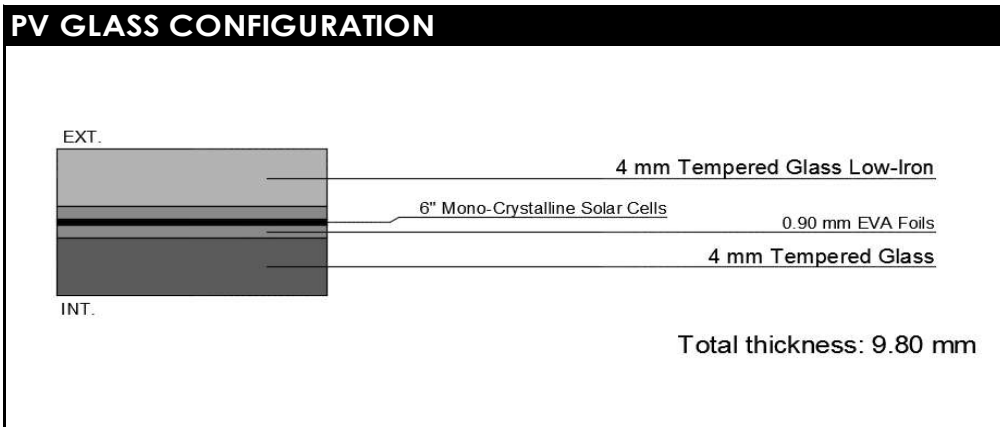
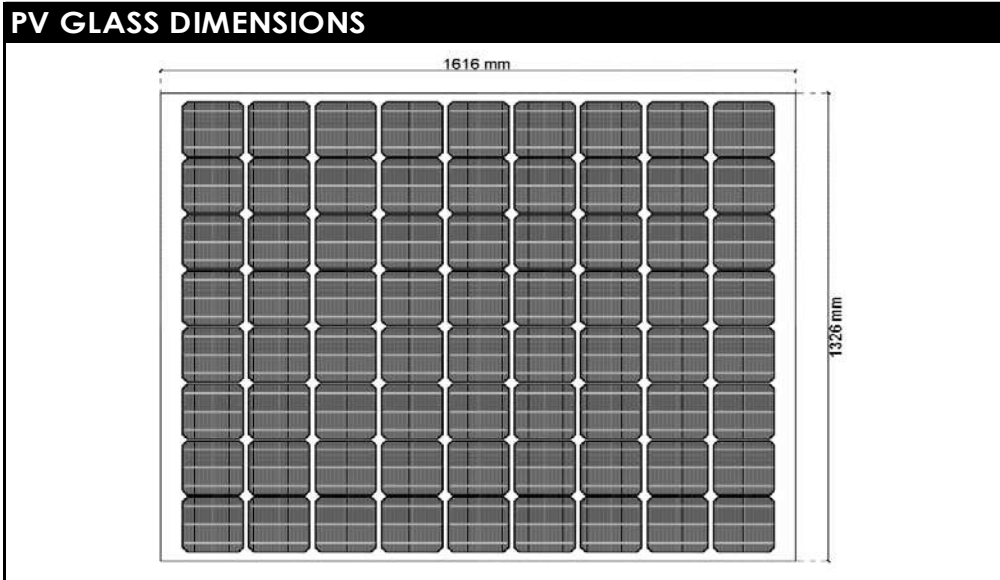
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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	23%
U-value [W/sqm.K]	N/A
Peak Power [Wp/sqm]	154,5



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