



TECHNICAL DATA - PV G3

PV GLASS G3		55 x 15	
		6" Mono 3BB	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	74	P_{mpp} (Wp)	
Open-circuit voltage	11	V_{oc} (V)	
Short-circuit current	8.71	I_{sc} (A)	
Voltage at nominal power	9	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	55.04	inches	
Width	15.12	inches	
Thickness	0.54	inches	
Surface area	5.78	sqf	
Weight	34	Lbs	
Cell type	6" Mono 3BB	Crystalline	
No PV cells / Transparency degree	16	28%	
Front Glass	1/4"	Tempered Glass Low-Iron	
Rear Glass	1/4"	Satinonvo Tempered Glass Low-iron	
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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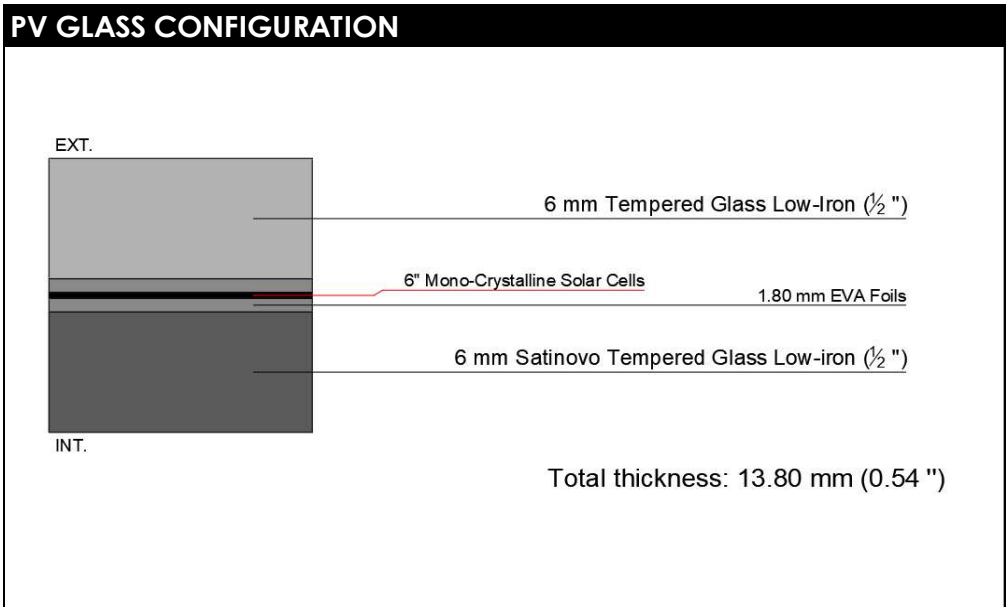
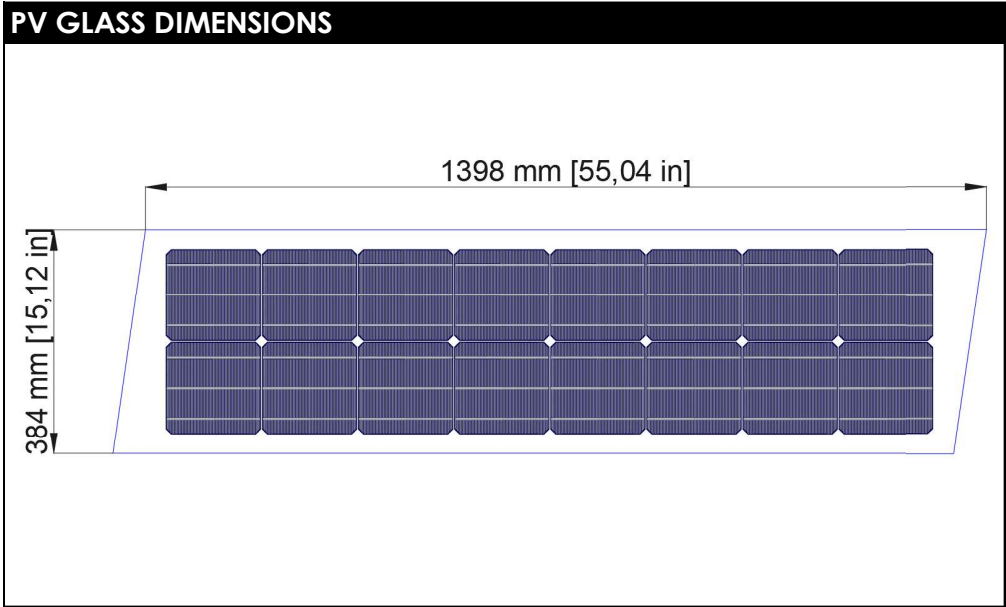


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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	28%
U-value [Btu/h ft ² °F]	0.92



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