



TECHNICAL DATA - GL.02

PHOTOVOLTAIC GLASS		2057 x 1201	
GL.A-2		6" Mono Crystalline	
Electrical data test conditions (STC)			
Nominal peak power	291	P_{mpp} (Wp)	
Open-circuit voltage	41,65	V_{oc} (V)	
Short-circuit current	8,93	I_{sc} (A)	
Voltage at nominal power	34,72	V_{mpp} (V)	
Current at nominal power	8,39	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	81	inches	
Width	47	inches	
Thickness	0,54	inches	
Surface area	26,58	sqf	
Weight	163	Lbs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	66	39%	
Front Glass	1/4"	Tempered Glass Low-Iron	
Rear Glass	1/4"	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	600	V_{sys} (V)	
Operating module temperature	-40...+85	°C	
Temperature Coefficients			
Temperature Coefficient of P_{mpp}	-0,451	%/°C	
Temperature Coefficient of V_{oc}	-0,361	%/°C	
Temperature Coefficient of I_{sc}	+0,08	%/°C	

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

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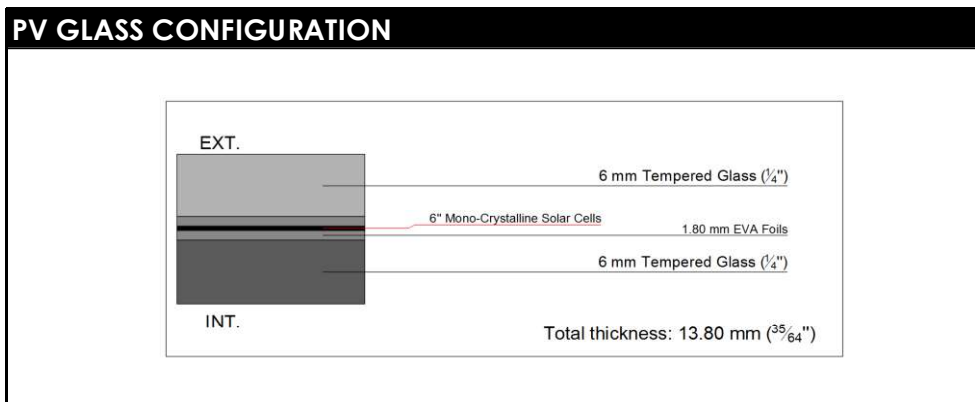
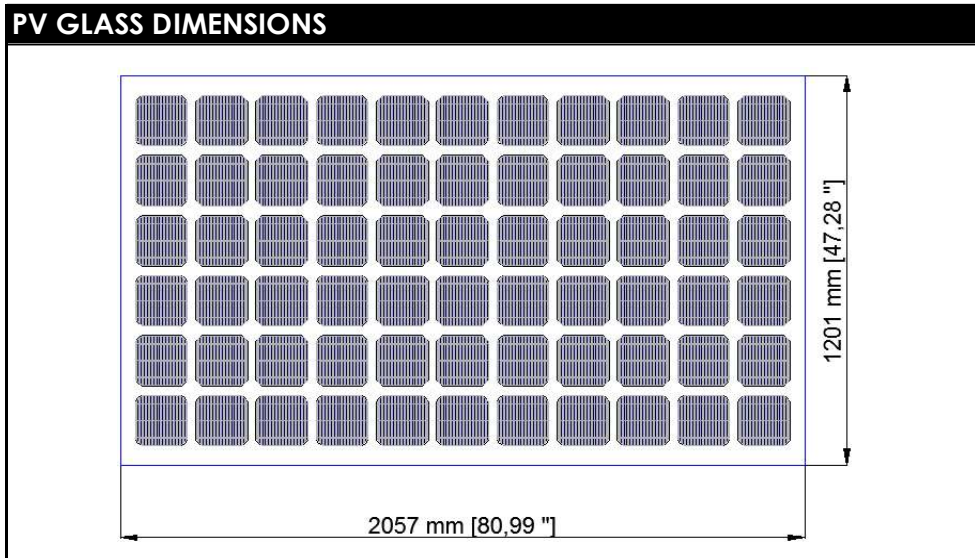


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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	39%
U-value [Btu/h ft ² °F]	5,2
Peak Power [Wp/sqf]	11,0

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