



# TECHNICAL DATA - GL.03.5-8

<b>PV GLASS GL.03.5-8</b>		<b>82 x 54</b>	
		<b>6" Mono 158</b>	<b>Crystalline Bifacial</b>
<b>Electrical data test conditions (STC)</b>			
Nominal peak power	295	P <sub>mpp</sub> (Wp)	
Open-circuit voltage	41	V <sub>oc</sub> (V)	
Short-circuit current	9.41	I <sub>sc</sub> (A)	
Voltage at nominal power	32	V <sub>mpp</sub> (V)	
Current at nominal power	9.10	I <sub>mpp</sub> (A)	
Power tolerance not to exceed	±10	%	
STC: 1000 w/m <sup>2</sup> , AM 1.5 and a cell temperature of 25°C, stabilized module state.			
<b>Mechanical description</b>			
Length	82	inches	
Width	54	inches	
Thickness	1.47	inches	
Surface area	31.09	sqf	
Weight	350	Lbs	
Cell type	6" Mono 158	Crystalline Bifacial	
No PV active cells	60		
No total PV cells / Transparency degree	70	21%	
Front Glass	1/4"	Heat Streng. Glass Low-iron	
Rear Glass	1/4"	Heat Streng. Glass	
Gas Spacer	1/2"	Argon Chamber	
Inner Glass	1/4"	Heat Streng. Glass Low-e	
Inner Glass	5/32"	Heat Streng. Glass	
Thickness encapsulation	1,80 mm	EVA Foils	
Category / Color code			
<b>Junction Box</b>			
Protection	IP65		
Wiring Section	2,5 mm <sup>2</sup> or 4,0 mm <sup>2</sup>		
<b>Limits</b>			
Maximum system voltage	1000	V <sub>sys</sub> (V)	
Operating module temperature	-40...+85	°C	
<b>Temperature Coefficients</b>			
Temperature Coefficient of P <sub>mpp</sub>	-0.32	%/°C	
Temperature Coefficient of V <sub>oc</sub>	-0.28	%/°C	
Temperature Coefficient of I <sub>sc</sub>	0.07	%/°C	

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

\*\* Rear Performance: add + 5 to 25% depending on orientation and Albedo.



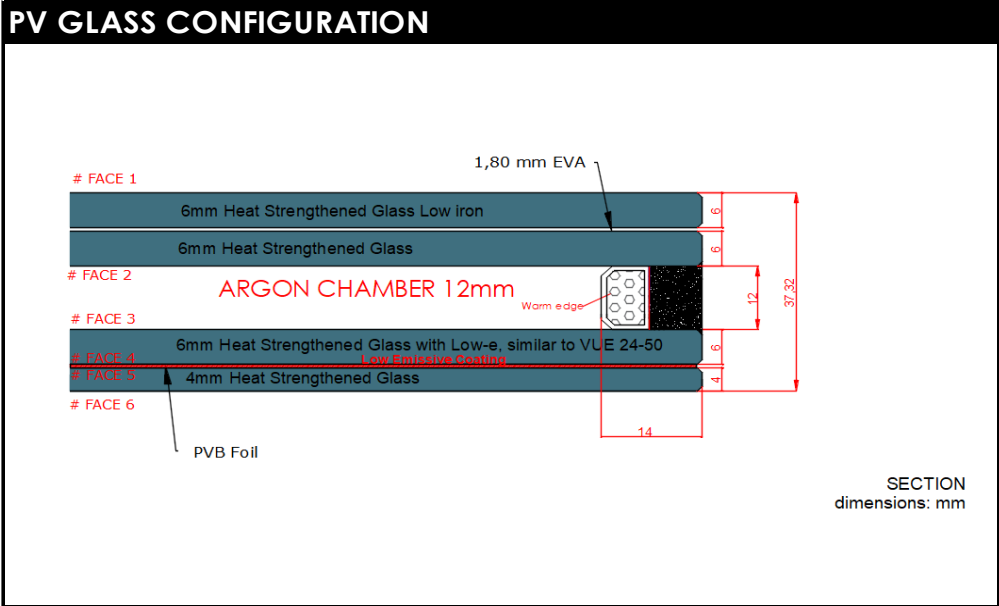
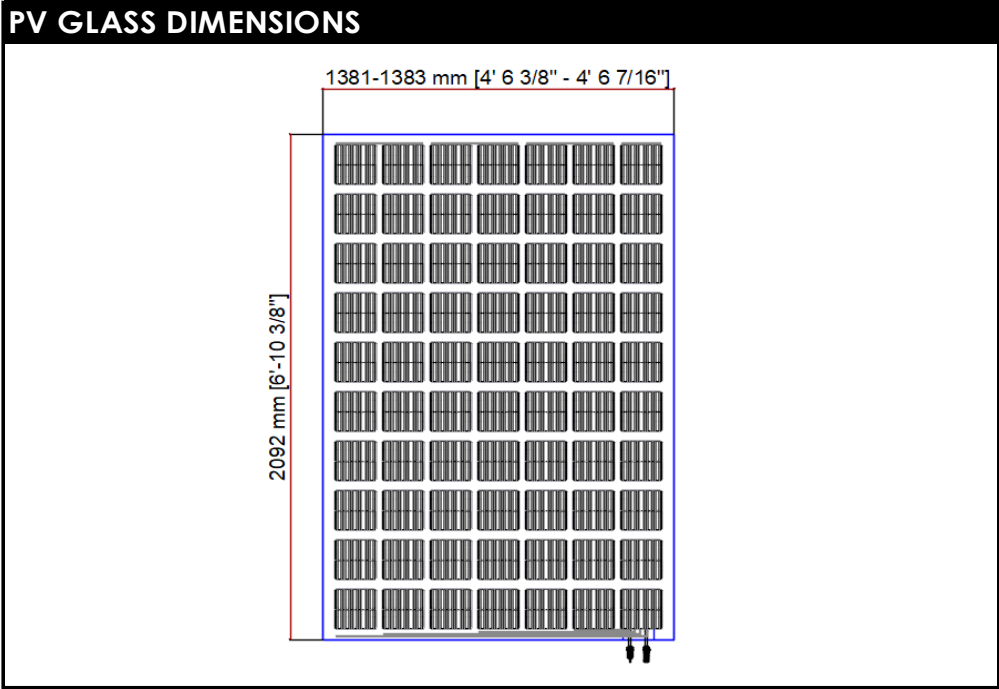
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# TECHNICAL DATA - GL.03.5-8



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	21%
Solar Factor (SHGC)	9%
U-value [Btu/h ft <sup>2</sup> °F]	0.21

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# TECHNICAL DATA - GL.06.1-4

<b>PV GLASS GL.06.1-4</b>		<b>94 x 54</b>
		<b>6" Mono 158 Crystalline Bifacial</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	354	P <sub>mpp</sub> (Wp)
Open-circuit voltage	49	V <sub>oc</sub> (V)
Short-circuit current	9.41	I <sub>sc</sub> (A)
Voltage at nominal power	39	V <sub>mpp</sub> (V)
Current at nominal power	9.10	I <sub>mpp</sub> (A)
Power tolerance not to exceed	±10	%
STC: 1000 w/m <sup>2</sup> , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
<b>Mechanical description</b>		
Length	94	inches
Width	54	inches
Thickness	1.47	inches
Surface area	35.43	sqf
Weight	399	Lbs
Cell type	6" Mono 158	Crystalline Bifacial
No PV active cells	72	
No total PV cells / Transparency degree	84	0%
Front Glass	1/4"	Heat Streng. Glass Low-iron
Rear Glass	1/4"	Heat Streng. Glass
Gas Spacer	1/2"	Argon Chamber
Inner Glass	1/4"	Heat Streng. Glass Low-e
Inner Glass	5/32"	Heat Streng. Glass + ceramic frit
Thickness encapsulation	1,80 mm	EVA Foils
Category / Color code		
<b>Junction Box</b>		
Protection	IP65	
Wiring Section	2,5 mm <sup>2</sup> or 4,0 mm <sup>2</sup>	
<b>Limits</b>		
Maximum system voltage	1000	V <sub>sys</sub> (V)
Operating module temperature	-40...+85	°C
<b>Temperature Coefficients</b>		
Temperature Coefficient of Pmpp	-0.32	%/°C
Temperature Coefficient of Voc	-0.28	%/°C
Temperature Coefficient of Isc	0.07	%/°C

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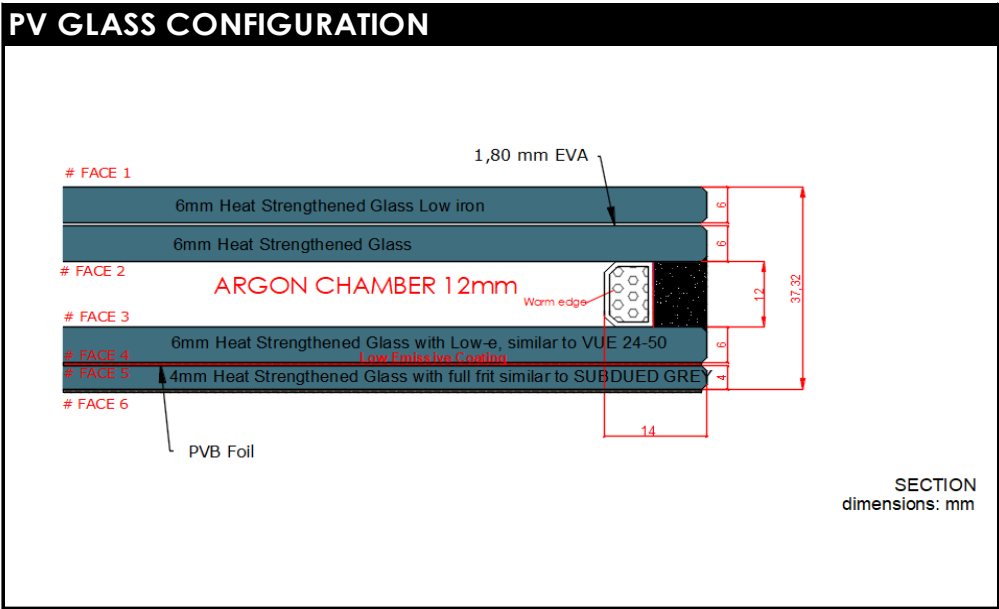
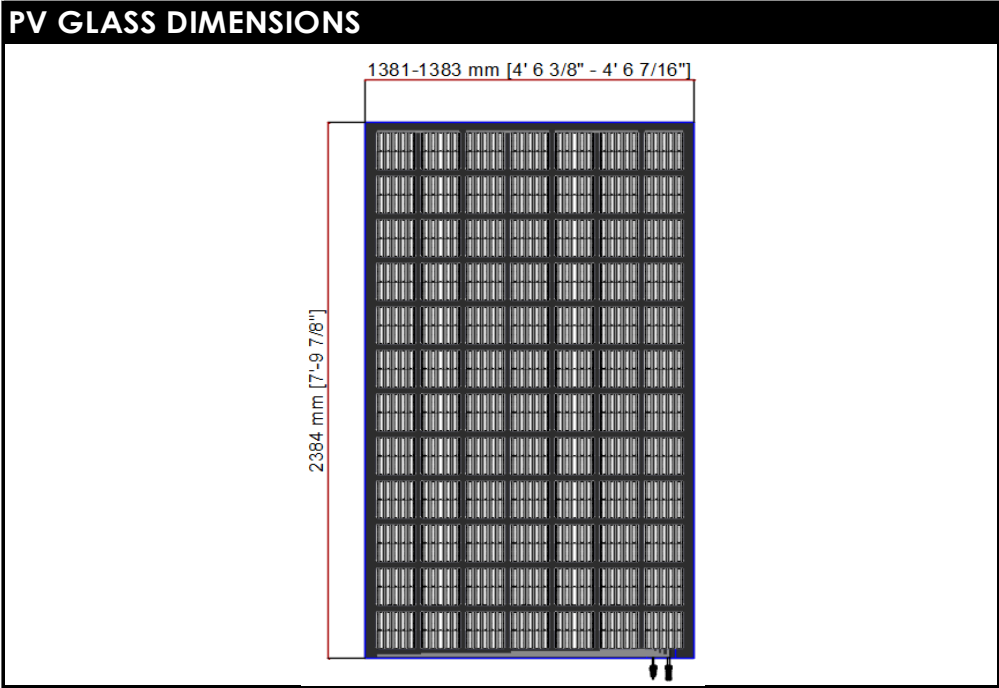
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# TECHNICAL DATA - GL.06.1-4



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	0%
Solar Factor (SHGC)	2%
U-value [Btu/h ft <sup>2</sup> °F]	0.21



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