



## TECHNICAL DATA - GL.01

<b>PHOTOVOLTAIC GLASS</b>		<b>2749 x 1300</b>
<b>GL.01</b>	<b>6" Poly</b>	<b>Crystalline</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	362	P <sub>mpp</sub> (Wp)
Open-circuit voltage	55	V <sub>oc</sub> (V)
Short-circuit current	8.45	I <sub>sc</sub> (A)
Voltage at nominal power	46	V <sub>mpp</sub> (V)
Current at nominal power	7.93	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	108	inches
Width	51	inches
Thickness	1.67	inches
Surface area	38.45	sqf
Weight	473	Lbs
Cell type	6" Poly	Crystalline
No PV cells / Transparency degree	90	24%
Front Glass	1/4"	Tempered Glass
Rear Glass	1/4"	Temp. Glass Planibel Dark Blue
Gas Spacer	1/2"	Argon Chamber
Inner Glass	1/4"	HS Tempered Glass
Inner Glass	1/4"	HS Tempered 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	600	V <sub>sys</sub> (V)
Operating module temperature	-40...+85	°C
<b>Temperature Coefficients</b>		
Temperature Coefficient of P <sub>mpp</sub>	-0,451	%/°C
Temperature Coefficient of V <sub>oc</sub>	-0,361	%/°C
Temperature Coefficient of I <sub>sc</sub>	+0,08	%/°C

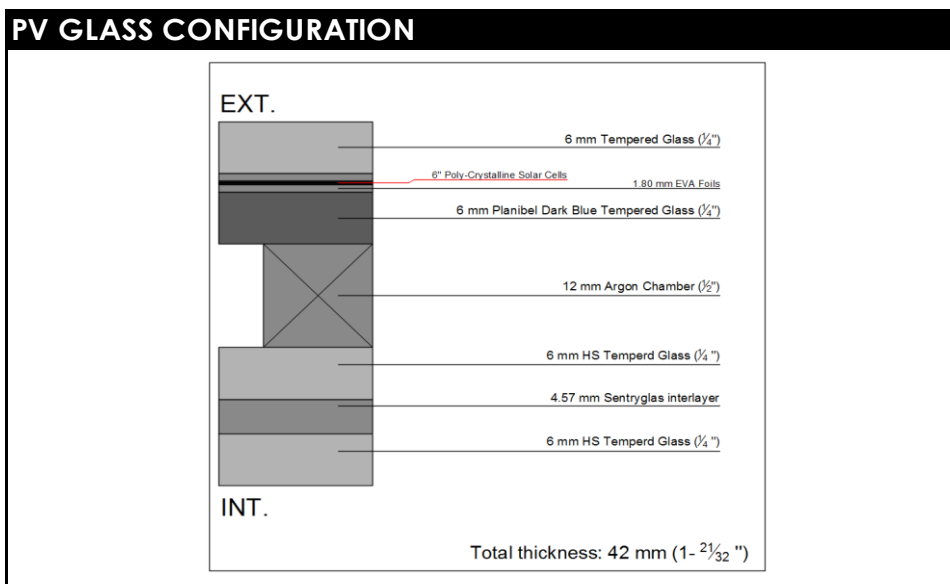
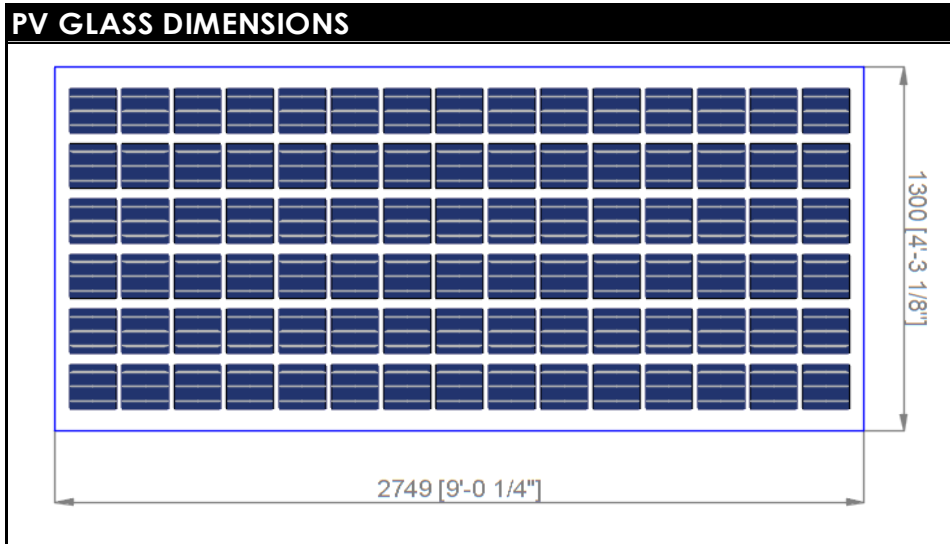
\* All technical specifications are subject to change without notice by Onyx Solar

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# TECHNICAL DATA - GL.01



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	24%
U-value [Btu/h ft <sup>2</sup> °F]	0.48
Peak Power [Wp/sqf]	9.4

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# TECHNICAL DATA - GL.02

<b>PHOTOVOLTAIC GLASS</b>		<b>2749 x 1339</b>
<b>GL.02</b>		<b>6" Poly Crystalline</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	362	P <sub>mpp</sub> (Wp)
Open-circuit voltage	55	V <sub>oc</sub> (V)
Short-circuit current	8.45	I <sub>sc</sub> (A)
Voltage at nominal power	46	V <sub>mpp</sub> (V)
Current at nominal power	7.93	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	108	inches
Width	53	inches
Thickness	1.67	inches
Surface area	39.61	sqf
Weight	487	Lbs
Cell type	6" Poly	Crystalline
No PV cells / Transparency degree	90	25%
Front Glass	1/4"	Tempered Glass
Rear Glass	1/4"	Temp. Glass Planibel Dark Blue
Gas Spacer	1/2"	Argon Chamber
Inner Glass	1/4"	HS Tempered Glass
Inner Glass	1/4"	HS Tempered 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	600	V <sub>sys</sub> (V)
Operating module temperature	-40...+85	°C
<b>Temperature Coefficients</b>		
Temperature Coefficient of P <sub>mp</sub>	-0,451	%/°C
Temperature Coefficient of V <sub>oc</sub>	-0,361	%/°C
Temperature Coefficient of I <sub>sc</sub>	+0,08	%/°C

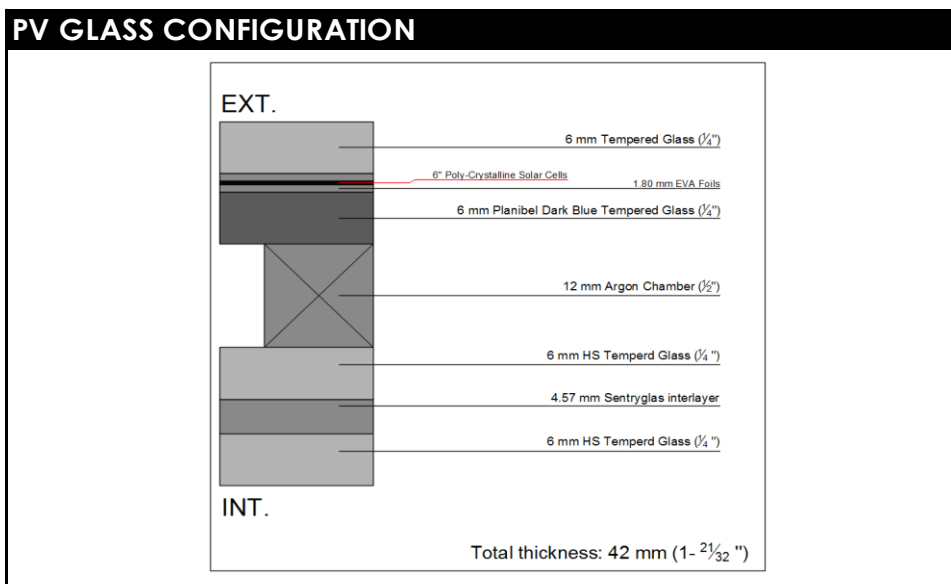
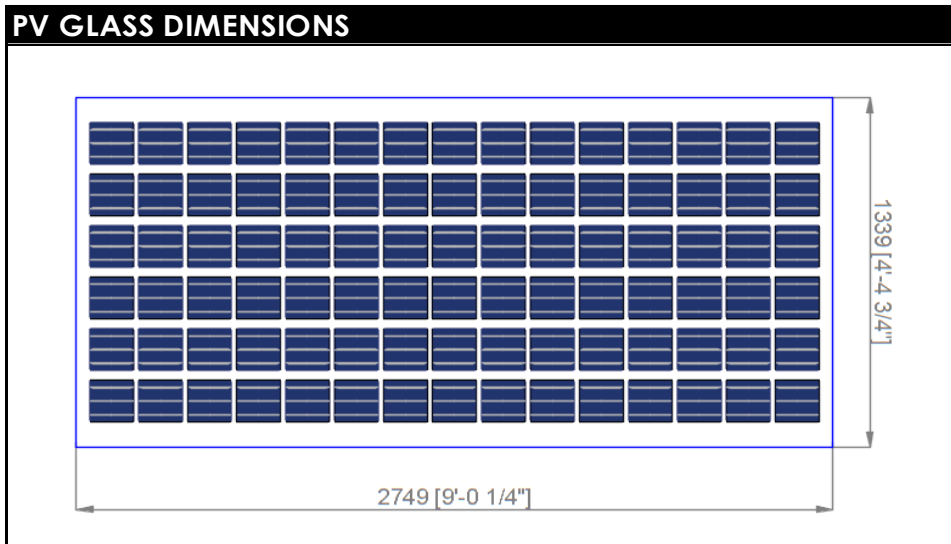
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# TECHNICAL DATA - GL.02



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	25%
U-value [Btu/h ft <sup>2</sup> °F]	0.48
Peak Power [Wp/sqf]	9.1

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