



## TECHNICAL DATA - GL.A

<b>PHOTOVOLTAIC GLASS</b>		<b>1842 x 1014</b>	
<b>GL.A</b>		<b>6" Mono</b>	<b>Crystalline</b>
<b>Electrical data test conditions (STC)</b>			
Nominal peak power	238	P <sub>mpp</sub> (Wp)	
Open-circuit voltage	34	V <sub>oc</sub> (V)	
Short-circuit current	8.93	I <sub>sc</sub> (A)	
Voltage at nominal power	28	V <sub>mpp</sub> (V)	
Current at nominal power	8.39	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	73	inches	
Width	40	inches	
Thickness	1.36	inches	
Surface area	20.10	sqf	
Weight	206	Lbs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	54	34%	
Front Glass	1/4"	Tempered Glass Low-Iron	
Rear Glass	1/4"	Tempered Glass	
Gas Spacer	1/2"	Argon Chamber	
Inner Glass	5/32"	HS Low-e Glass	
Inner Glass	5/32"	HS Glass	
Thickness encapsulation PV Glass	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	

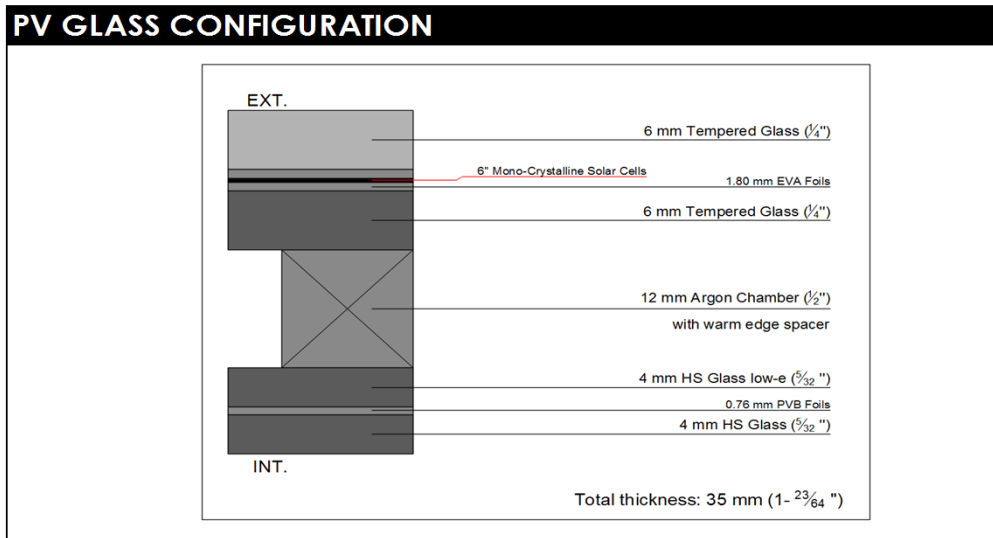
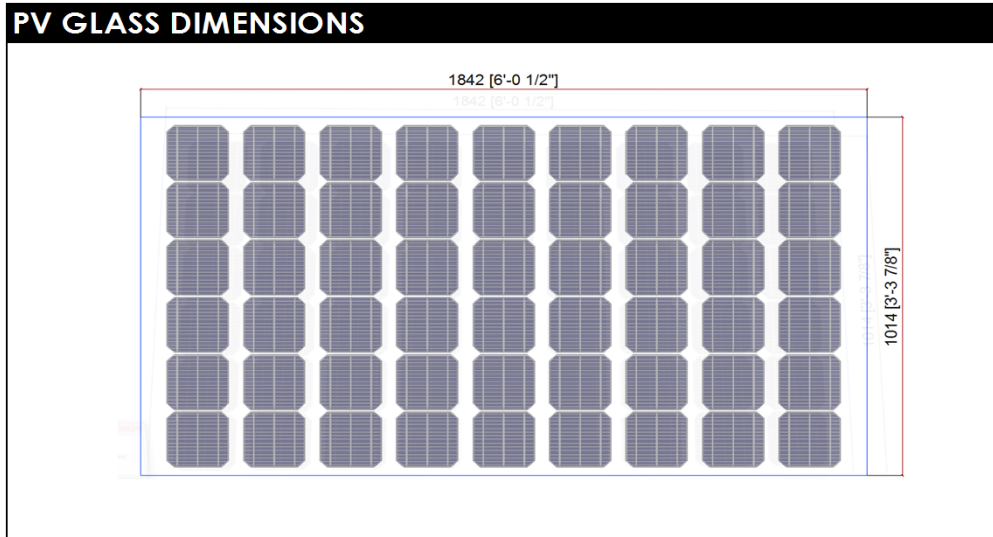
\* All technical specifications are subject to change without notice by Onyx Solar

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# TECHNICAL DATA - GL.A



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	34%
U-value [Btu/h ft <sup>2</sup> °F]	0.21
Peak Power [Wp/sqft]	11.9

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## TECHNICAL DATA - GL.B

<b>PHOTOVOLTAIC GLASS</b>		<b>1842 x 1017</b>	
<b>GL.B</b>		<b>6" Mono Crystalline</b>	
<b>Electrical data test conditions (STC)</b>			
Nominal peak power	238	$P_{mpp}$ (Wp)	
Open-circuit voltage	34	$V_{oc}$ (V)	
Short-circuit current	8.93	$I_{sc}$ (A)	
Voltage at nominal power	28	$V_{mpp}$ (V)	
Current at nominal power	8.39	$I_{mpp}$ (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	73	inches	
Width	40	inches	
Thickness	1.36	inches	
Surface area	20.16	sqf	
Weight	206	Lbs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	54	34%	
Front Glass	1/4"	Tempered Glass Low-Iron	
Rear Glass	1/4"	Tempered Glass	
Gas Spacer	1/2"	Argon Chamber	
Inner Glass	5/32"	HS Low-e Glass	
Inner Glass	5/32"	HS Glass	
Thickness encapsulation PV Glass	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	$V_{sys}$ (V)	
Operating module temperature	-40...+85	°C	
<b>Temperature Coefficients</b>			
Temperature Coefficient of $P_{mpp}$	-0,451	%/°C	
Temperature Coefficient of $V_{oc}$	-0,361	%/°C	
Temperature Coefficient of $I_{sc}$	+0,08	%/°C	

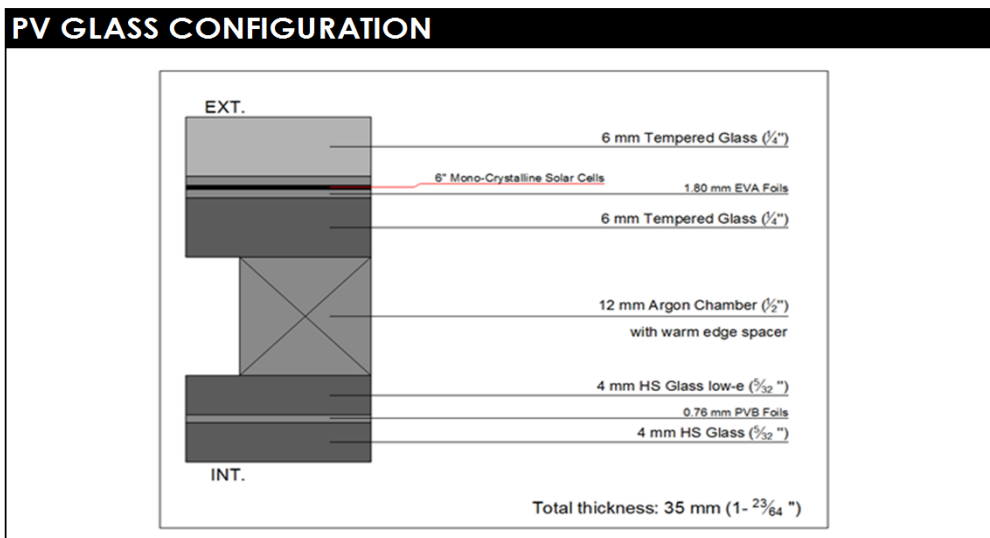
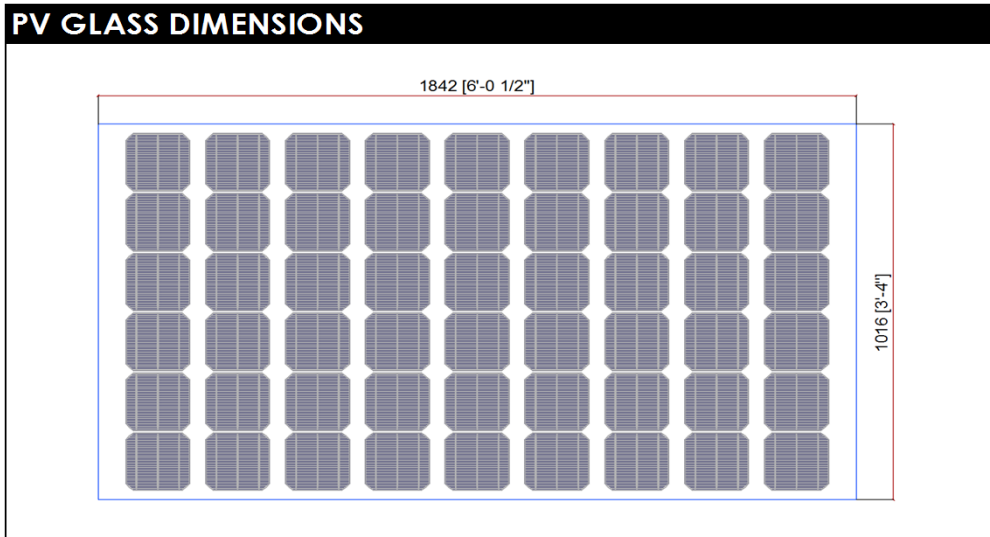
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# TECHNICAL DATA - GL.B



GLASS PROPERTIES	Onyx Equivalent Glass
<b>Light Transmission</b>	<b>34%</b>
<b>U-value [Btu/h ft2 °F]</b>	<b>0.21</b>
<b>Peak Power [Wp/sqft]</b>	<b>11.8</b>

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