



## TECHNICAL DATA - GL.02

PHOTOVOLTAIC GLASS		1635 x 983
		6" Mono Crystalline
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	265	$P_{mpp}$ (Wp)
Open-circuit voltage	38	$V_{oc}$ (V)
Short-circuit current	8,93	$I_{sc}$ (A)
Voltage at nominal power	32	$V_{mpp}$ (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	64,4	inches
Width	38,7	inches
Thickness	0,23	inches
Surface area	17,29	sqf
Weight	35	Lbs
Cell type	6" Mono	Crystalline
No PV cells / Transparency degree	60	14%
Front Glass	5/32"	Float Glass
Rear Glass	3/64"	Transparent Backsheet
Thickness encapsulation	0,90 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

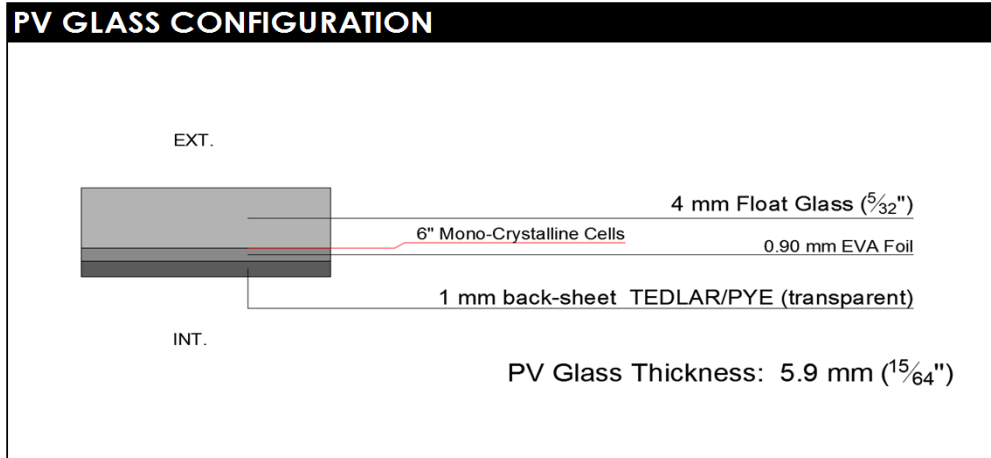
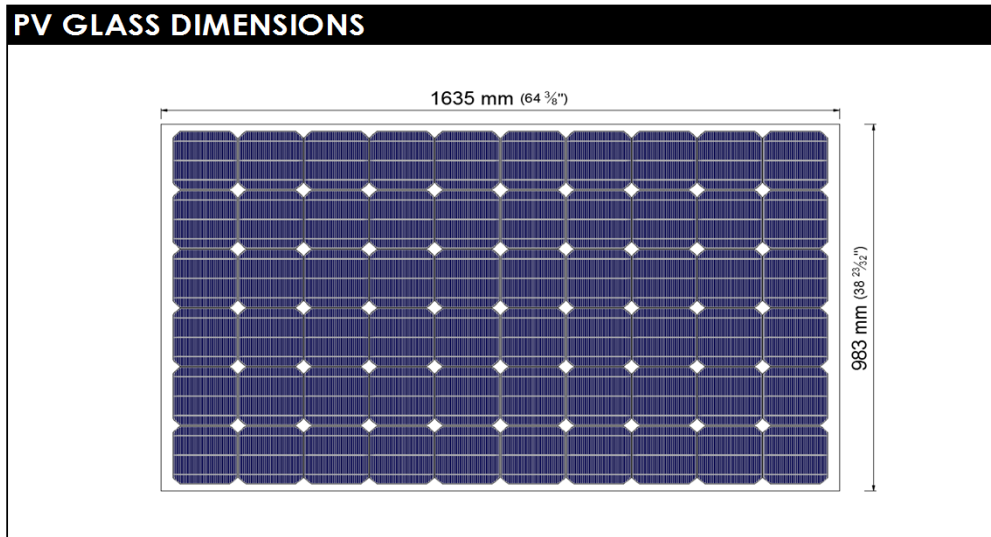
\* All technical specifications are subject to change without notice by Onyx Solar

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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	14%
U-value [Btu/h ft <sup>2</sup> °F]	0,99
Peak Power [Wp/sqft]	15,3

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