



# TECHNICAL DATA - GL.01.REV

PV GLASS GL.01.SKYLIGHT.REV		2,720 x 1348
		6" Mono 158 Crystalline
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	482	P <sub>mpp</sub> (Wp)
Open-circuit voltage	67	V <sub>oc</sub> (V)
Short-circuit current	9.41	I <sub>sc</sub> (A)
Voltage at nominal power	53	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	2720	mm
Width	1348	mm
Thickness	38.56	mm
Surface area	3.67	sqm
Weight	183	Kgs
Cell type	6" Mono 158	Crystalline
No PV cells / Transparency degree	98	23%
Front Glass	6 mm	Tempered Glass Low-Iron
Rear Glass	6 mm	Tempered Glass
Gas Spacer	16 mm	Argon Chamber
Inner Glass	4 mm	Float Glass Low-e
Inner Glass	4 mm	Float Glass Acid-etched
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

**global leader in building integrated photovoltaic glass**



SPAIN (Avila)  
 C/ Rio Cea 1, 46 • 05004  
 Phone: +34 920 21 00 50  
 info@onyxsolar.com • www.onyxsolar.es

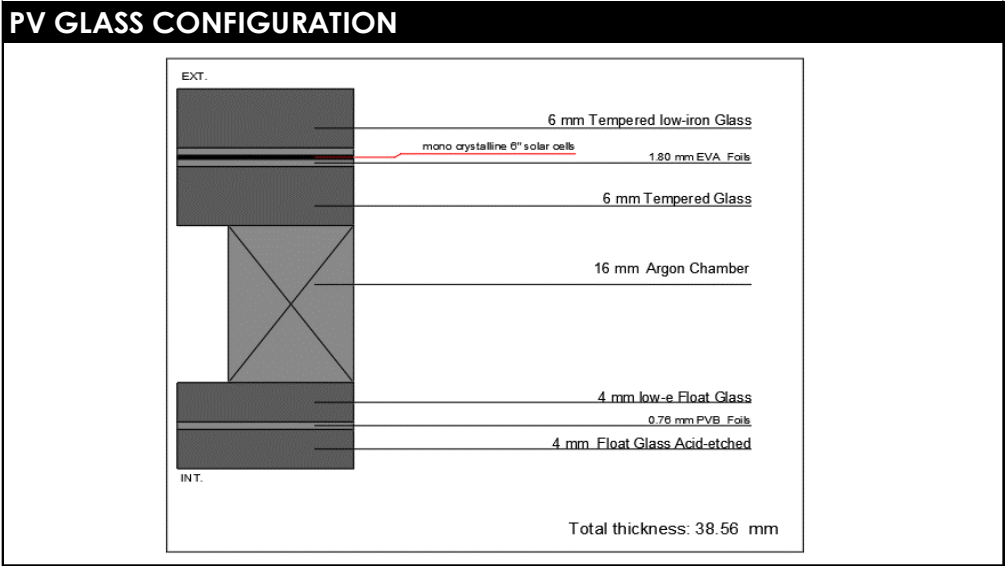
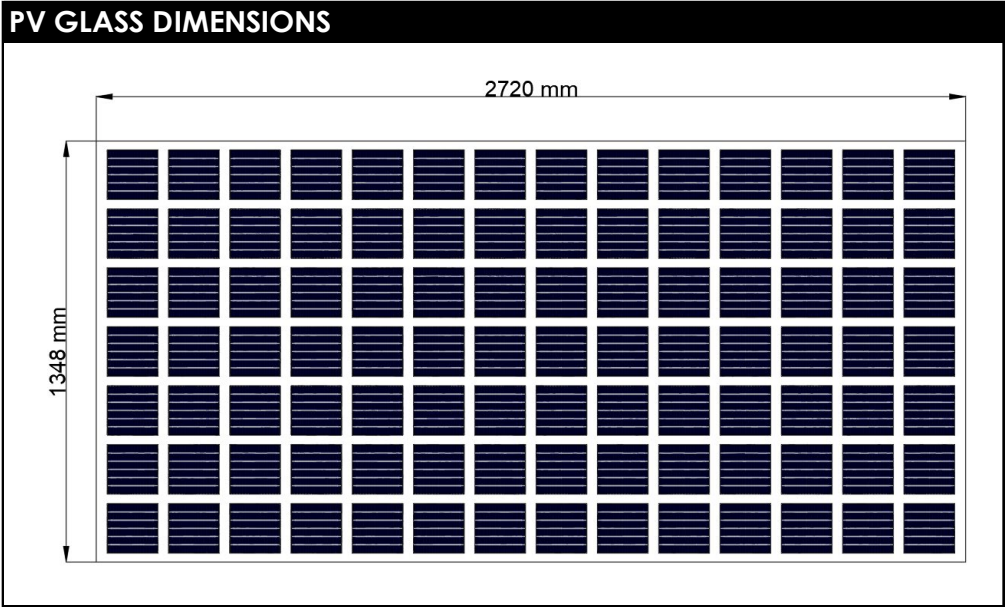
UNITED STATES (New York)  
 79 Madison Avenue Suite 933 • NY 10016  
 Phone: +1 917 261 4783  
 usa@onyxsolar.com • www.onyxsolar.com

© Copyright Onyx Solar Energy S.L. – All Rights Reserved - Todos los derechos reservados





# TECHNICAL DATA - GL.01.REV



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	23%
Solar Factor g	16%
U-value [W/sqm.K] (Horizontal 2-3%)	1.7
Peak Power [Wp/sqm]	131.4

global leader in building integrated photovoltaic glass



SPAIN (Avila)  
 C/ Rio Cea 1, 46 • 05004  
 Phone: +34 920 21 00 50  
 info@onyxsolar.com • www.onyxsolar.es

UNITED STATES (New York)  
 79 Madison Avenue Suite 933 • NY 10016  
 Phone: +1 917 261 4783  
 usa@onyxsolar.com • www.onyxsolar.com