



# TECHNICAL DATA - CUSTOMIZED TYPE 01

CRYSTALLINE TECHNOLOGY

<b>PHOTOVOLTAIC GLASS</b>		
	<b>49 x 49</b>	
	<b>6" Mono</b>	<b>Crystalline</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	156	P <sub>mpp</sub> (Wp)
Open-circuit voltage	22,68	V <sub>oc</sub> (V)
Short-circuit current	9,05	I <sub>sc</sub> (A)
Voltage at nominal power	18,90	V <sub>mpp</sub> (V)
Current at nominal power	8,28	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	49	inches
Width	49	inches
Thickness	3/4"	inches
Surface area	16,68	sqf
Weight	136,69	Kgs
Cell type	6" Mono	Crystalline
No PV cells / Transparency degree	36	30%
Front Glass	5/16"	HS Low Iron
Rear Glass	5/16"	HS w/ Acid Etch
Thickness encapsulation	1/10"	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  
**smart solar solutions for buildings**

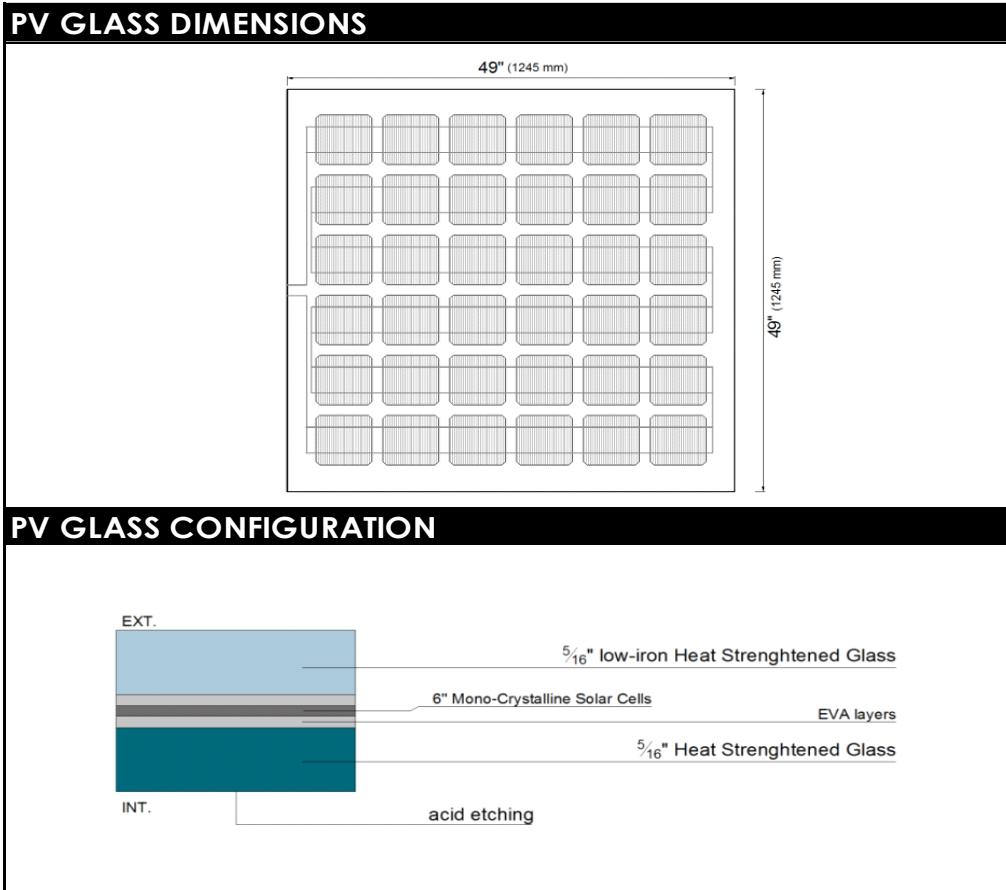
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