



## TECHNICAL DATA - GL.01

<b>PHOTOVOLTAIC GLASS GL.01</b>		<b>1,245 x 635</b>	
		<b>6" Mono 3BB</b>	<b>Crystalline</b>
<b>Electrical data test conditions (STC)</b>			
Nominal peak power	83	P <sub>mpp</sub> (Wp)	
Open-circuit voltage	12	V <sub>oc</sub> (V)	
Short-circuit current	8.71	I <sub>sc</sub> (A)	
Voltage at nominal power	10	V <sub>mpp</sub> (V)	
Current at nominal power	8.20	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	1245	mm	
Width	635	mm	
Thickness	9.8	mm	
Surface area	0.79	sqm	
Weight	16	Kgs	
Cell type	6" Mono 3BB	Crystalline	
No PV cells / Transparency degree	18	43%	
Front Glass	4 mm	Tempered Glass Low-Iron	
Rear Glass	4 mm	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	1000	V <sub>sys</sub> (V)	
Operating module temperature	-40...+85	°C	
<b>Temperature Coefficients</b>			
Temperature Coefficient of P <sub>mpp</sub>	-0.38	%/°C	
Temperature Coefficient of V <sub>oc</sub>	-0.29	%/°C	
Temperature Coefficient of I <sub>sc</sub>	0.04	%/°C	

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



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