



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		3100 x 1737
GL.01	6" Mono	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	600	P _{mpp} (Wp)
Open-circuit voltage	86	V _{oc} (V)
Short-circuit current	8,93	I _{sc} (A)
Voltage at nominal power	72	V _{mpp} (V)
Current at nominal power	8,39	I _{mpp} (A)
Power tolerance not to exceed	± 10	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	3100	mm
Width	1737	mm
Thickness	17,8	mm
Surface area	5,38	sqm
Weight	215,39	Kgs
Cell type	6" Mono	Crystalline
No PV cells / Transparency degree	136	42%
Front Glass	8 mm	Tempered Glass Low-Iron
Rear Glass	8 mm	Tempered Glass
Thickness encapsulation	1,80 mm	EVA Foils
Category / Color code		
Junction Box		
Protection	IP65	
Wiring Section	2,5 mm ² or 4,0 mm ²	
Limits		
Maximum system voltage	1000	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of P _{mpp}	-0,451	%/°C
Temperature Coefficient of V _{oc}	-0,361	%/°C
Temperature Coefficient of I _{sc}	+0,08	%/°C

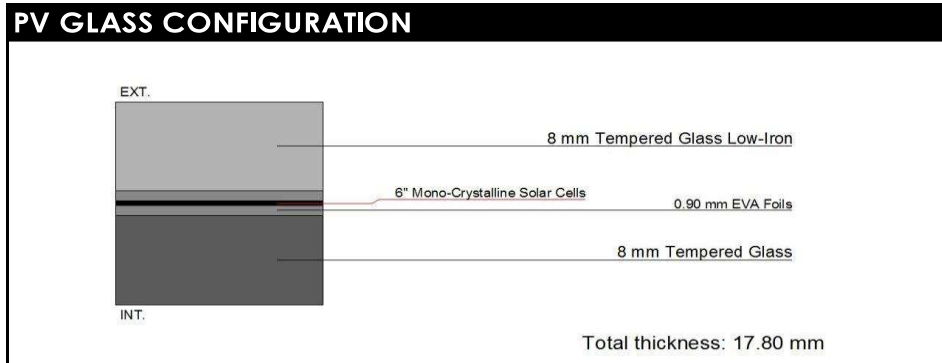
* All technical specifications are subject to change without notice by Onyx Solar

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GLASS PROPERTY	Onyx Equivalent Glass
Light Transmission	42%
U-value [W/sqm.K]	5,3
Peak Power [Wp/sqm]	111,5

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