



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		
GL.01	1015 x 1000	6" Mono Crystalline
Electrical data test conditions (STC)		
Nominal peak power	153	P _{mpp} (Wp)
Open-circuit voltage	24	V _{oc} (V)
Short-circuit current	7,62	I _{sc} (A)
Voltage at nominal power	20	V _{mpp} (V)
Current at nominal power	7,68	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	1015	mm
Width	1000	mm
Thickness	17,8	mm
Surface area	1,02	sqm
Weight	41	Kgs
Cell type	6" Mono	Crystalline High Efficiency
No PV cells / Transparency degree	36	0%
Front Glass	8 mm	ACID ETCHED Glass
Rear Glass	8 mm	Black Frit 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

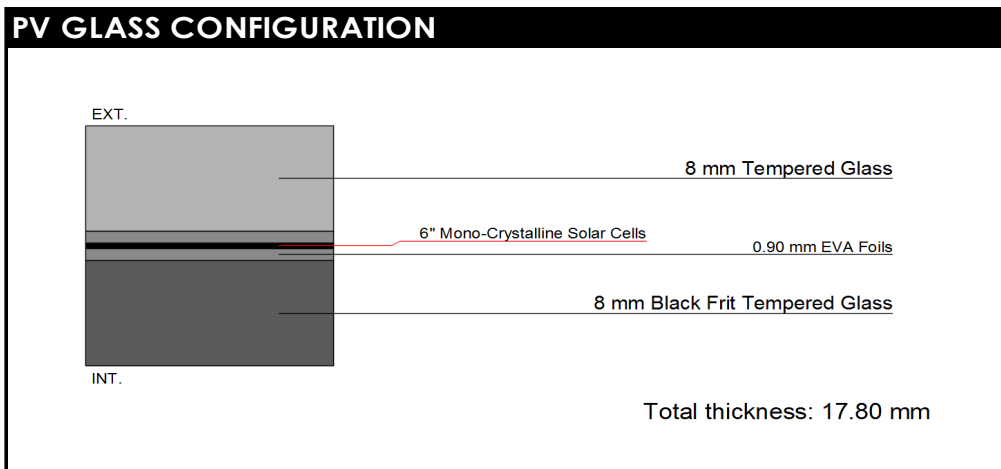
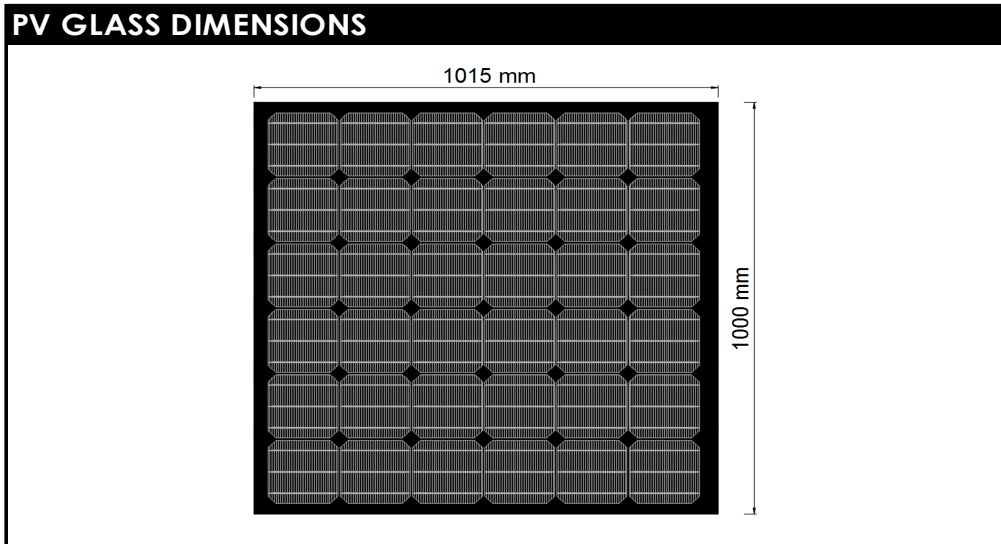
* All technical specifications are subject to change without notice by Onyx Solar

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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	0%
U-value [W/sqm.K]	-
Peak Power [Wp/sqm]	150,4

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