



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		71 x 23
VTRM070004-01		6" Mono 158 Crystalline
Electrical data test conditions (STC)		
Nominal peak power	136	P _{mpp} (Wp)
Open-circuit voltage	20	V _{oc} (V)
Short-circuit current	8,66	I _{sc} (A)
Voltage at nominal power	16	V _{mpp} (V)
Current at nominal power	8,38	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	70,9	inches
Width	22,9	inches
Thickness	0,39	inches
Surface area	11,29	sqf
Weight	46	Lbs
Cell type	6" Mono 158	Crystalline
No PV cells / Transparency degree	30	0%
Front Glass	5/32"	Extra-Clear Acid Etched Heat Strengthened Glass
Rear Glass	5/32"	Black Frit Heat Strengthened Glass
Thickness encapsulation	1,80 mm	EVA Foils
Color code		Acid Etched - Black
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}	-0,32	%/°C
Temperature Coefficient of V _{oc}	-0,28	%/°C
Temperature Coefficient of I _{sc}	0,07	%/°C

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



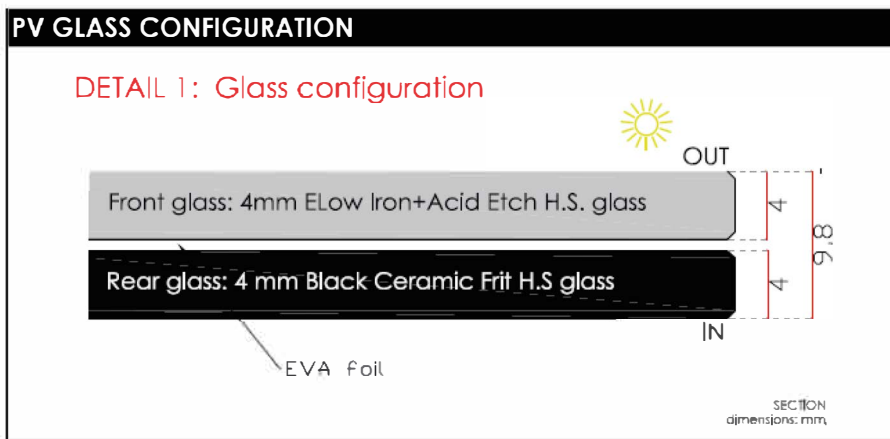
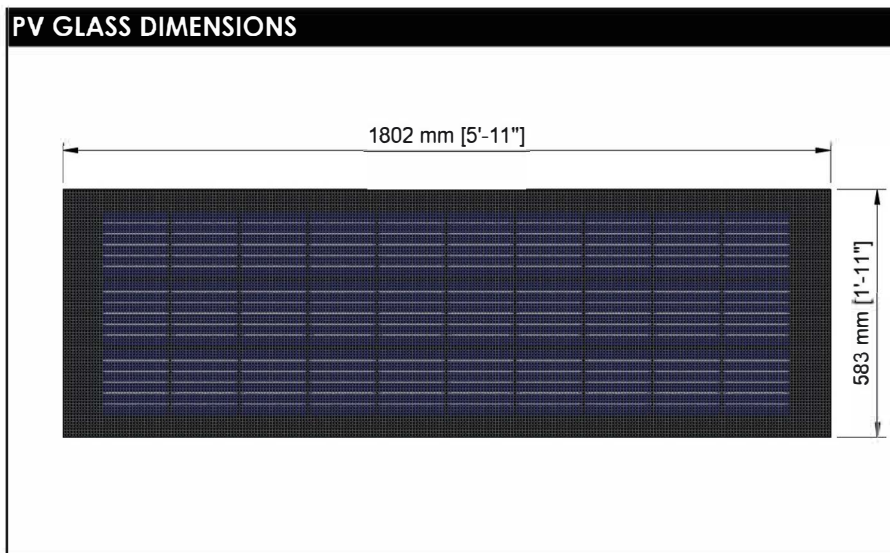
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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	0%
U-value [Btu/h ft ² °F]	0.92
Peak Power [Wp/sqf]	12.0



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