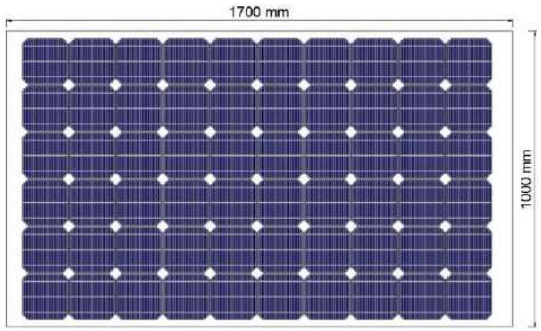
PV GLASS

DATA SHEET - GL.01

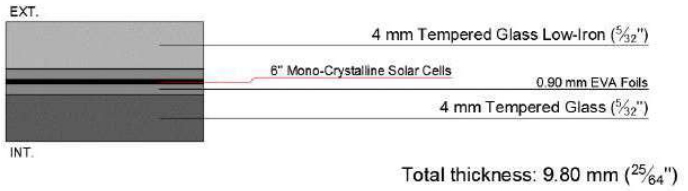
PHOTOVOLTAIC GLASS	1.700 x 1000	6" Mono 3BB Crystalline
Electrical data test conditions (STC)		
Nominal peak power	276	P_{mpp} (Wp)
Open-circuit voltage	40	V_{oc} (V)
Short-circuit current	8,71	I_{sc} (A)
Voltage at nominal power	34	V_{mpp} (V)
Current at nominal power	8,20	I_{mpp} (A)
Power tolerance not to exceed	±10	%
STC: 1000 w/m², AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	1700	mm
Width	1000	mm
Thickness	9,8	mm
Surface area	1,70	sqm
Weight	34	Kgs
Cell type	6" Mono 3BB	Crystalline
No PV cells / Transparency degree	60	19%
Front Glass	4 mm	Tempered Glass Low-Iron
Rear Glass	4 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	Vsys (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of Pmpp	-0,38	%/°C
Temperature Coefficient of Voc	0,00	%/°C
Temperature Coefficient of Isc	-0,29	%/°C

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	19%
U-value [W/sqm.K]	5,5
Peak Power [Wp/sqm]	162,3