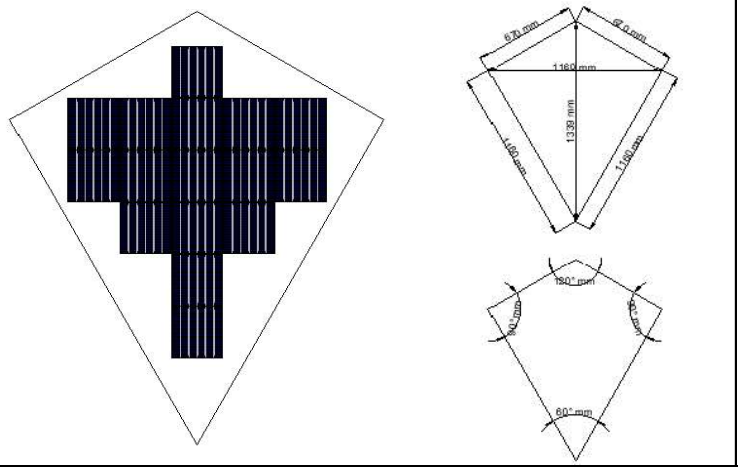
DATA SHEET GL.01

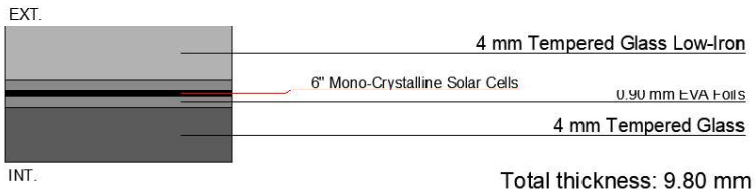
PHOTOVOLTAIC GLASS	1.339 x 1116	
	6" Mono 158	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	79	P_{mpp} (Wp)
Open-circuit voltage	11	V_{oc} (V)
Short-circuit current	9,41	I_{sc} (A)
Voltage at nominal power	9	V_{mpp} (V)
Current at nominal power	9,10	I_{mpp} (A)
Power tolerance not to exceed	±10	%
STC: 1000 w/m², AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length (longer diagonal)	1339	mm
Width (shorter diagonal)	1116	mm
Thickness	9,8	mm
Surface area	0,78	sqm
Weight	16	Kgs
Cell type	6" Mono 158	Crystalline
No PV cells / Transparency degree	16	48%
Front Glass	4 mm	Tempered Glass Low-Iron
Rear Glass	4 mm	Tempered Glass
Thickness encapsulation	0,90 mm	EVA Foils
Category / Color code		No color
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	-0,32	%/°C
Temperature Coefficient of Voc	-0,28	%/°C
Temperature Coefficient of Isc	0,07	%/°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	48%
U-value [W/sqm.K]	N/A
Peak Power [Wp/sqm]	100,8