

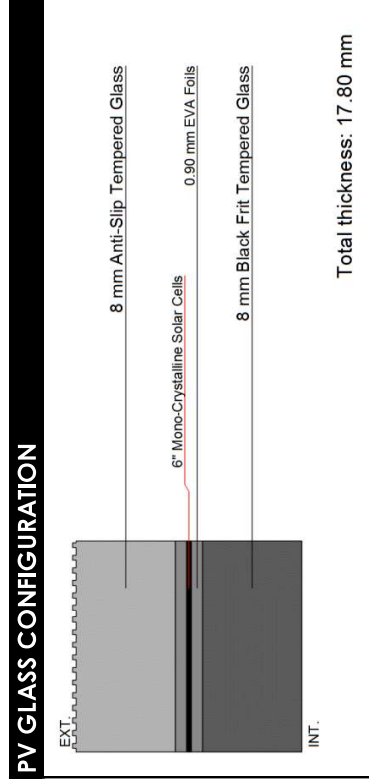
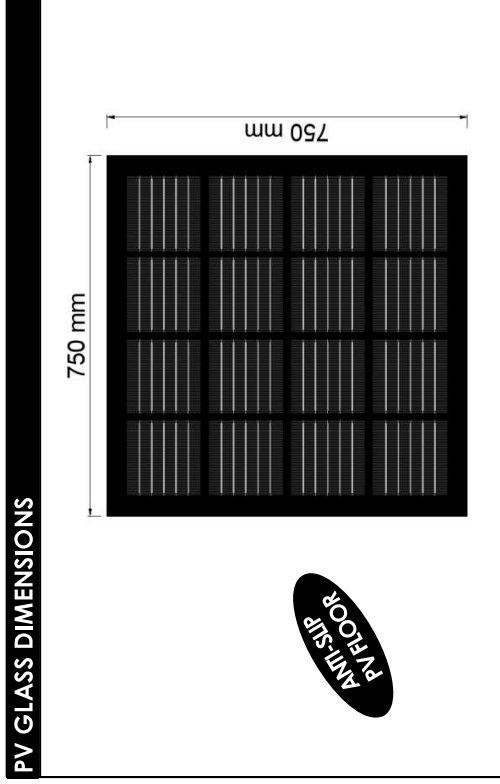
PV FLOOR

DATA SHEET - GL.01



PHOTOVOLTAIC GLASS		750 x 750	Crystalline
6" Mono 158 Crystalline			
Electrical data test conditions (STC)			
Nominal peak power	75	P_{mppp} (Wp)	
Open-circuit voltage	11	V_{oc} (V)	
Short-circuit current	8,94	I_{sc} (A)	
Voltage at nominal power	9	V_{mppp} (V)	
Current at nominal power	8,65	I_{mppp} (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	750	mm	
Width	750	mm	
Thickness	17,8	mm	
Surface area	0,56	sqm	
Weight	23	Kgs	
Cell type	6" Mono 158	Crystalline	
No PV cells / Transparency degree	16	0%	
Front Glass	8 mm	Anti-Slip Tempered 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 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



GLASS PROPERTIES		Onyx Equivalent Glass
Light Transmission		0%
U-value [W/sqm.K]		5,2
Peak Power [Wp/sqmt]		132,8