



TECHNICAL DATA - GL.14

PHOTOVOLTAIC GLASS		1.170 x 1075	
		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power		159	P _{mpp} (Wp)
Open-circuit voltage		23	V _{oc} (V)
Short-circuit current		8,93	I _{sc} (A)
Voltage at nominal power		19	V _{mpp} (V)
Current at nominal power		8,39	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		1170	mm
Width		1075	mm
Thickness		30,56	mm
Surface area		1,26	sqm
Weight		50	Kgs
Cell type		6" Mono	Crystalline
No PV cells / Transparency degree		36	34%
Front Glass		4 mm	Tempered Glass Low-Iron
Rear Glass		4 mm	Tempered Glass
Gas Spacer		12 mm	Air Chamber
Inner Glass		4 mm	Float Glass
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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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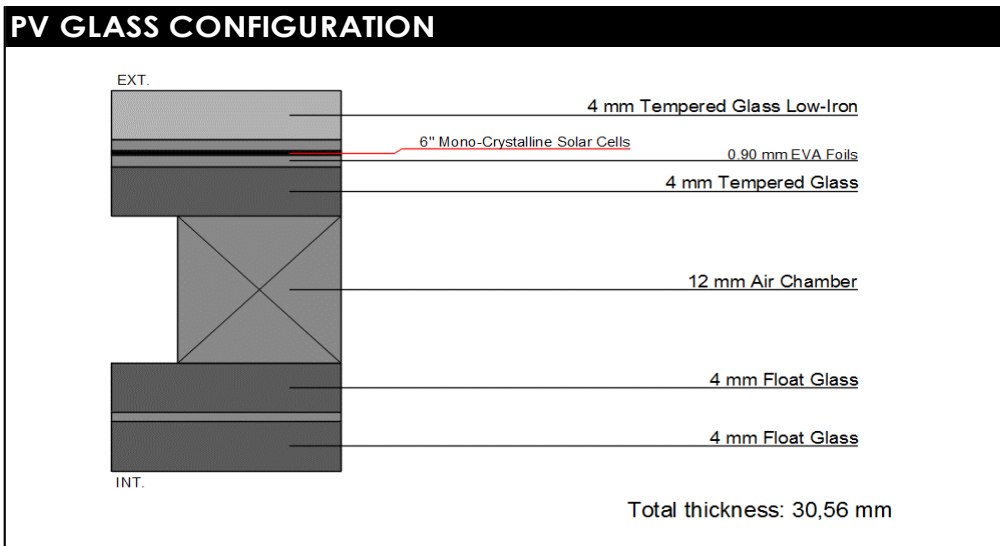
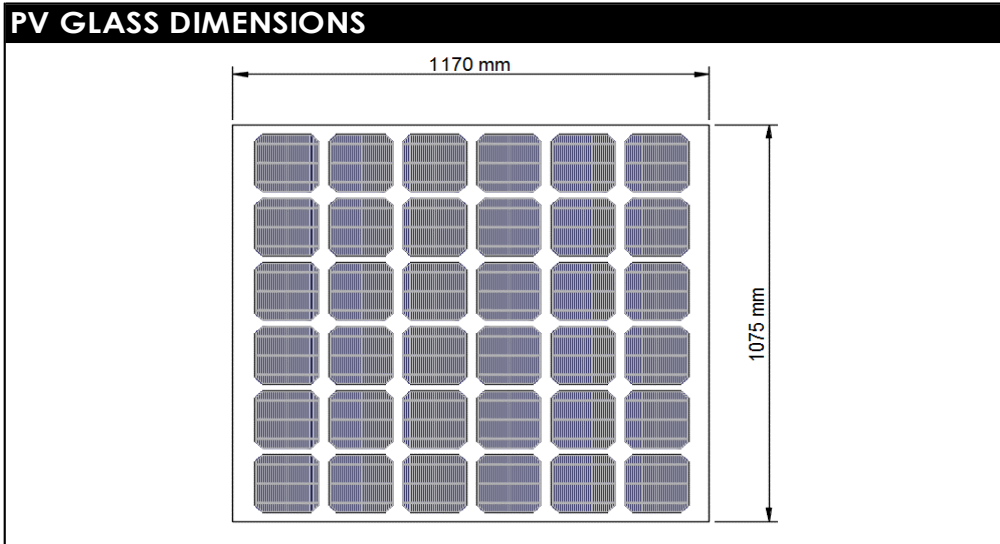
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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	34%
U-value [W/sqm.K]	2,7
Peak Power [Wp/sqm]	126,3



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