

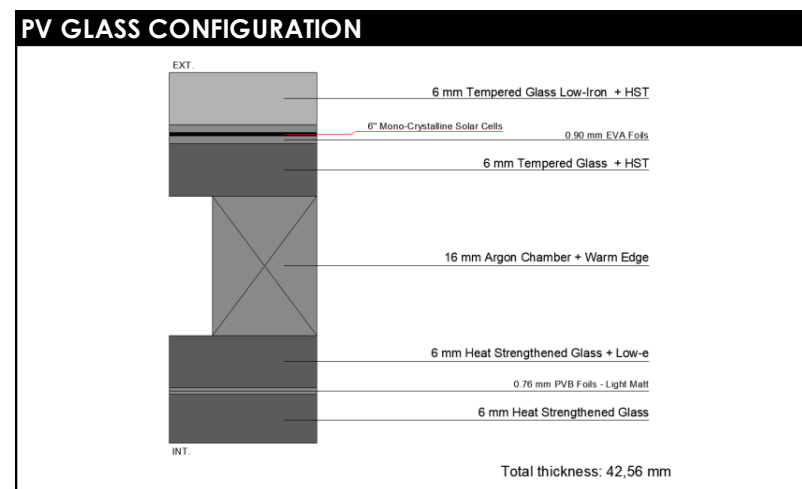
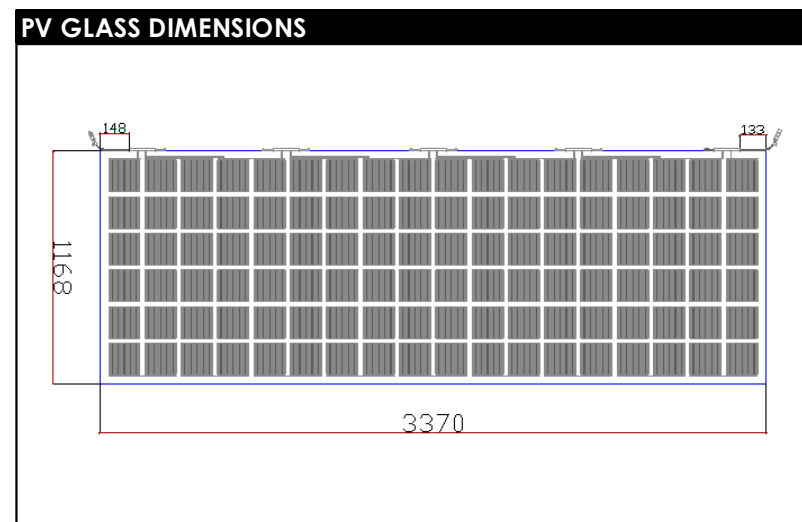
SKYLIGHT

DATA SHEET - GL.04



PHOTOVOLTAIC GLASS		3.370 x 1168
		6" Mono 158 Crystalline
Electrical data test conditions (STC)		
Nominal peak power	531	P _{mpp} (Wp)
Open-circuit voltage	73	V _{oc} (V)
Short-circuit current	9,41	I _{sc} (A)
Voltage at nominal power	58	V _{mpp} (V)
Current at nominal power	9,10	I _{mpp} (A)
Power tolerance not to exceed	±10	%
STC: 1000 w/m², AM 15 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	3370	mm
Width	1168	mm
Thickness	42,56	mm
Surface area	3,94	sqm
Weight	236	Kgs
Cell type	6" Mono 158	Crystalline
No PV cells / Transparency degree	108	31%
Front Glass	6 mm	Tempered Glass Low-Iron
Rear Glass	6 mm	Tempered Glass
Gas Spacer	16 mm	Argon Chamber
Inner Glass	6 mm	HS Glass Low-e
Inner Glass	6 mm	Heat Strengthened Glass
Thickness encapsulation - PV Glass	1,80 mm	EVA Foils
Thickness encapsulation - IGU	0,76 mm	PVB Foils - Light Matt
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



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	31%
U-value [W/sqm.K]	1,1
Peak Power [Wp/sqm]	134,9

