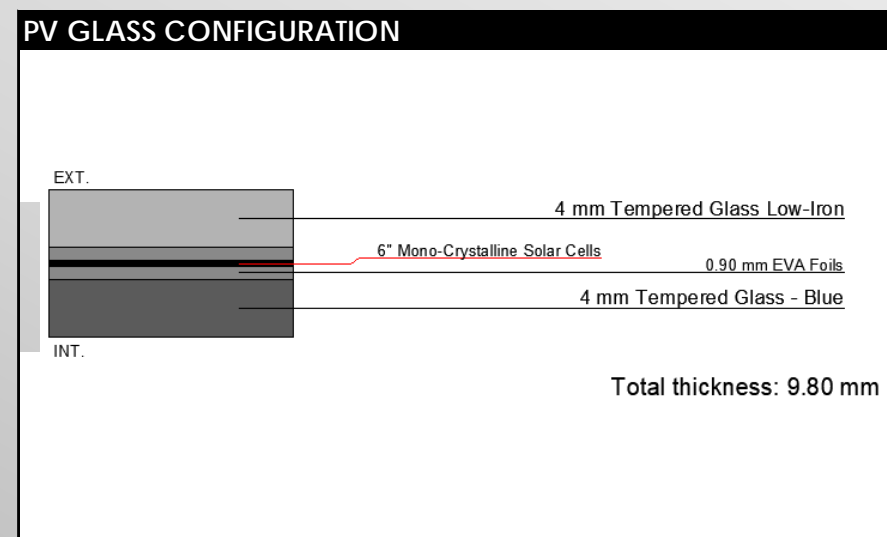
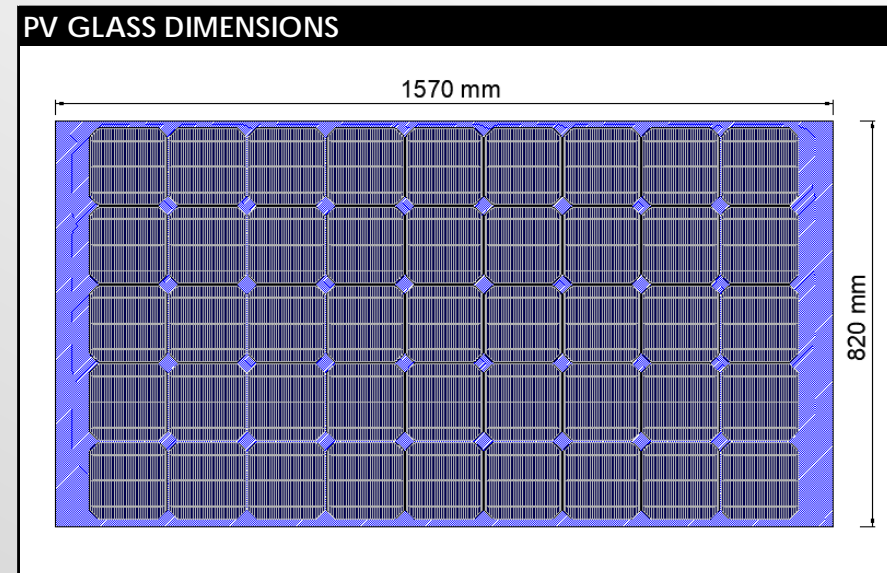


Data Sheet Type GL.01

PHOTOVOLTAIC GLASS		
	1.570 x 820	
	6" Mono 3BB	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	207	P_{mpp} (Wp)
Open-circuit voltage	30	V_{oc} (V)
Short-circuit current	8,71	I_{sc} (A)
Voltage at nominal power	25	V_{mpp} (V)
Current at nominal power	8,20	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	1570	mm
Width	820	mm
Thickness	9,8	mm
Surface area	1,29	sqm
Weight	26	Kgs
Cell type	6" Mono 3BB	Crystalline
No PV cells / Transparency degree	45	20%
Front Glass	4 mm	Tempered Glass Low-Iron
Rear Glass	4 mm	Tempered Glass - Blue
Thickness encapsulation	1,80 mm	EVA Foils
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}	-0,38	%/°C
Temperature Coefficient of V_{oc}	0,00	%/°C
Temperature Coefficient of I_{sc}	-0,29	%/°C

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



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	20%
U-value [W/sqm.K]	-
Peak Power [Wp/sqm]	160,8



Data Sheet

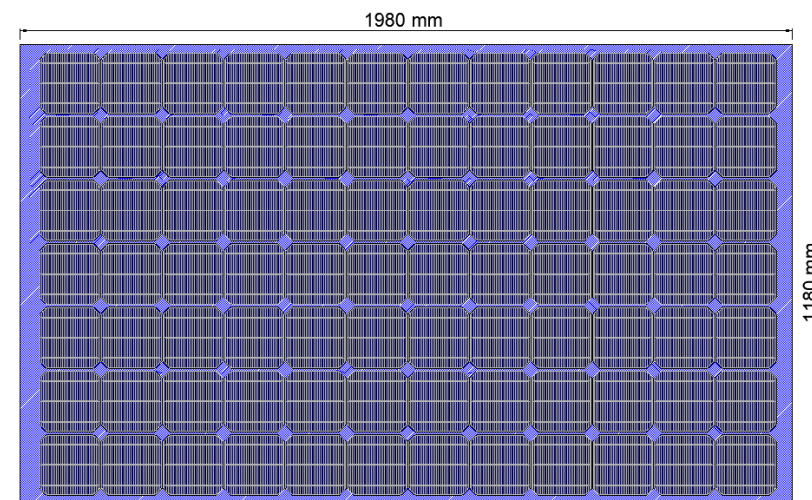
Type

GL.02

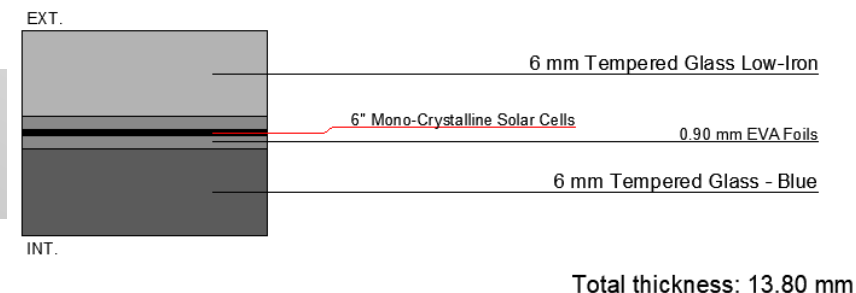
PHOTOVOLTAIC GLASS		
		1.980 x 1180
		6" Mono 3BB Crystalline
Electrical data test conditions (STC)		
Nominal peak power	386	P_{mpp} (Wp)
Open-circuit voltage	56	V_{oc} (V)
Short-circuit current	8,71	I_{sc} (A)
Voltage at nominal power	47	V_{mpp} (V)
Current at nominal power	8,20	I_{mpp} (A)
Power tolerance 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	1980	mm
Width	1180	mm
Thickness	13,8	mm
Surface area	2,34	sqm
Weight	70	Kgs
Cell type	6" Mono 3BB	Crystalline
No PV cells / Transparency degree	84	17%
Front Glass	6 mm	Tempered Glass Low-Iron
Rear Glass	6 mm	Tempered Glass - Blue
Thickness encapsulation	1,80 mm	EVA Foils
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}	-0,38	%/°C
Temperature Coefficient of V_{oc}	0,00	%/°C
Temperature Coefficient of I_{sc}	-0,29	%/°C

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PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES

	Onyx Equivalent Glass
Light Transmission	17%
U-value [W/sqm.K]	-
Peak Power [Wp/sqm]	165,4



Data Sheet

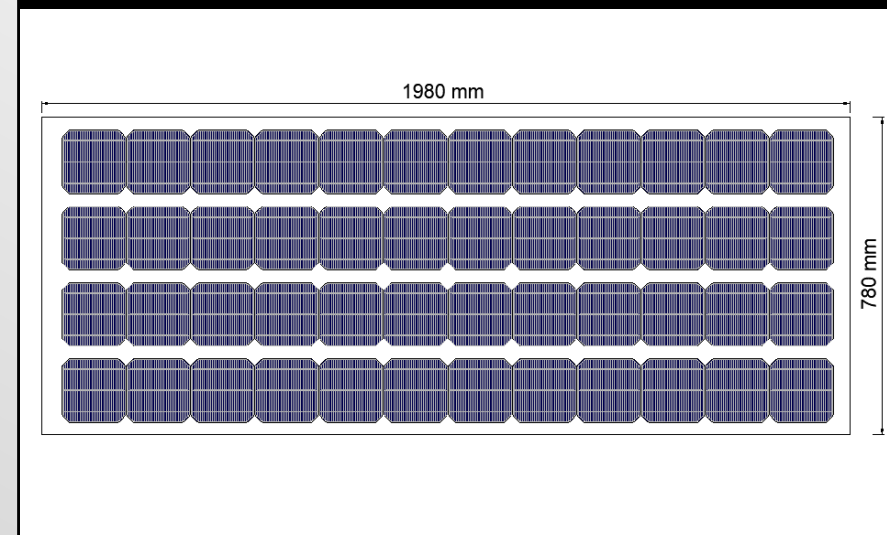
Type

GL.03

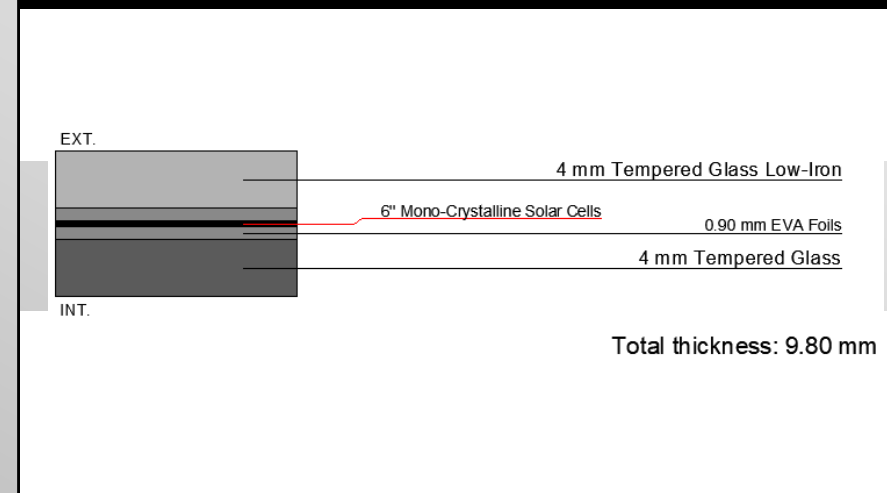
PHOTOVOLTAIC GLASS		
	1.980 x 780	
	6" Mono 3BB	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	221	P_{mpp} (Wp)
Open-circuit voltage	32	V_{oc} (V)
Short-circuit current	8,71	I_{sc} (A)
Voltage at nominal power	27	V_{mpp} (V)
Current at nominal power	8,20	I_{mpp} (A)
Power tolerance 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	1980	mm
Width	780	mm
Thickness	9,8	mm
Surface area	1,54	sqm
Weight	31	Kgs
Cell type	6" Mono 3BB	Crystalline
No PV cells / Transparency degree	48	29%
Front Glass	4 mm	Tempered Glass Low-Iron
Rear Glass	4 mm	Tempered Glass
Thickness encapsulation	1,80 mm	EVA Foils
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}	-0,38	%/°C
Temperature Coefficient of V_{oc}	0,00	%/°C
Temperature Coefficient of I_{sc}	-0,29	%/°C

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PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES

	Onyx Equivalent Glass
Light Transmission	29%
U-value [W/sqm.K]	-
Peak Power [Wp/sqm]	143,0

Data Sheet

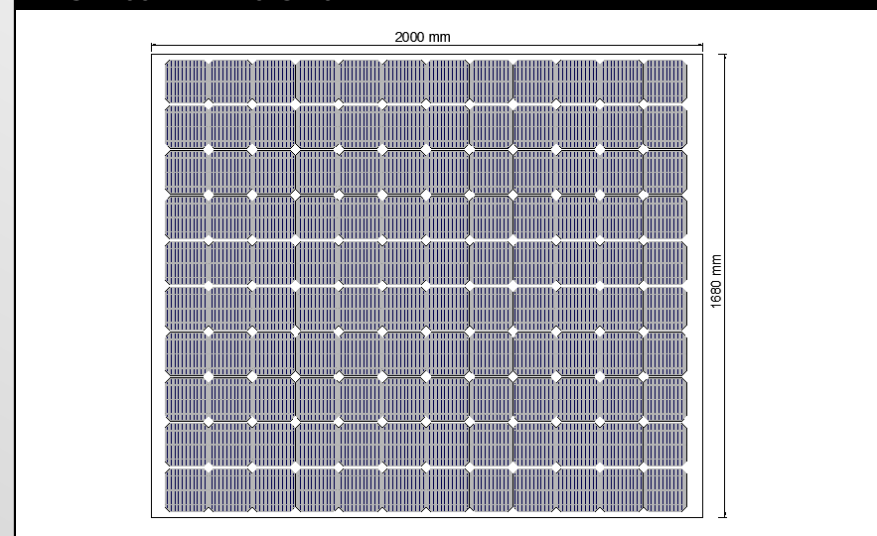
Type

GL.04

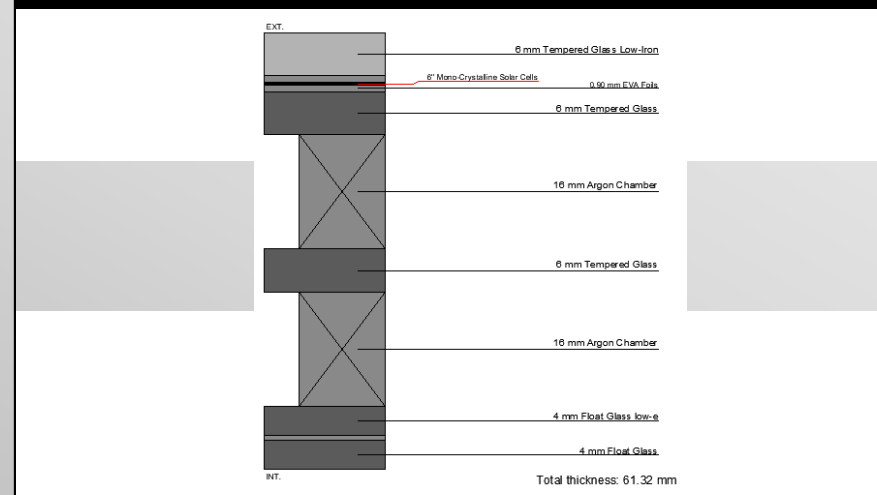
PHOTOVOLTAIC GLASS		
	2.000 x 1680	
	6" Mono 3BB	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	552	P_{mpp} (Wp)
Open-circuit voltage	80	V_{oc} (V)
Short-circuit current	8,71	I_{sc} (A)
Voltage at nominal power	67	V_{mpp} (V)
Current at nominal power	8,20	I_{mpp} (A)
Power tolerance 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	2000	mm
Width	1680	mm
Thickness	61,32	mm
Surface area	3,36	sqm
Weight	218	Kgs
Cell type	6" Mono 3BB	Crystalline
No PV cells / Transparency degree	120	18%
Front Glass	6 mm	Tempered Glass Low-Iron
Rear Glass	6 mm	Tempered Glass
Gas Spacer	16 mm	Argon Chamber
Inner Glass	4 mm	Float Glass Low-e
Inner Glass	4 mm	Float Glass
Thickness encapsulation	1,80 mm	EVA Foils
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}	-0,38	%/°C
Temperature Coefficient of V_{oc}	0,00	%/°C
Temperature Coefficient of I_{sc}	-0,29	%/°C

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PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES

GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	18%
U-value [W/sqm.K]	0,8
Peak Power [Wp/sqm]	164,3