



TECHNICAL DATA-PV-1a

PHOTOVOLTAIC GLASS		1365 x 1202	
		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	132	P _{mpp} (Wp)	
Open-circuit voltage	19	V _{oc} (V)	
Short-circuit current	8,93	I _{sc} (A)	
Voltage at nominal power	16	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	1365	mm	
Width	1202	mm	
Thickness	35,32	mm	
Surface area	1,64	sqm	
Weight	82	Kgs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	30	58%	
Front Glass	6 mm	HS Low-iron	
Rear Glass	6 mm	Heat Strenghtened	
Gas Spacer	12 mm	Air Chamber	
Inner Glass	4 mm	HS SGG Planitherm	
Inner Glass	4 mm	Heat Strenghtened	
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	-0,451	%/°C	
Temperature Coefficient of Voc	-0,361	%/°C	
Temperature Coefficient of Isc	+0,08	%/°C	

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

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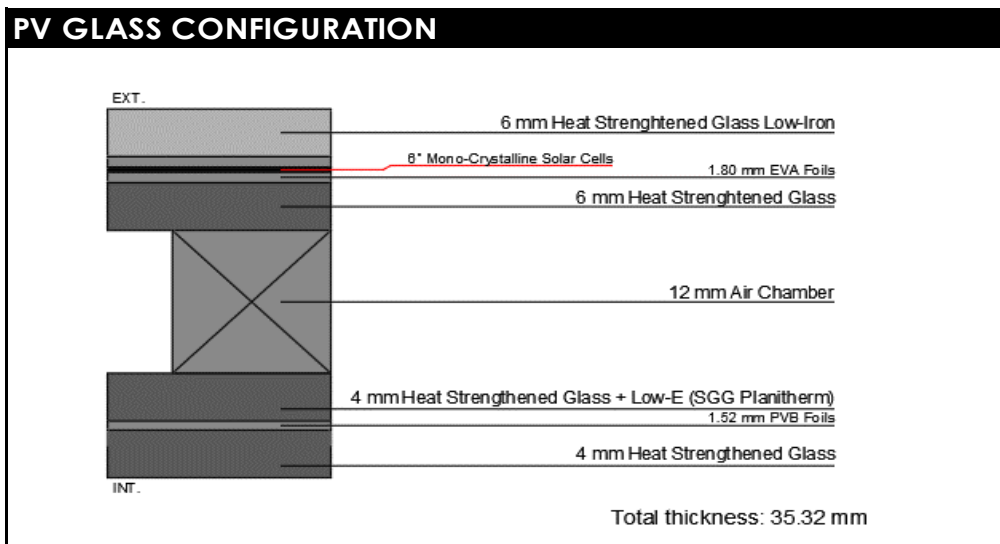
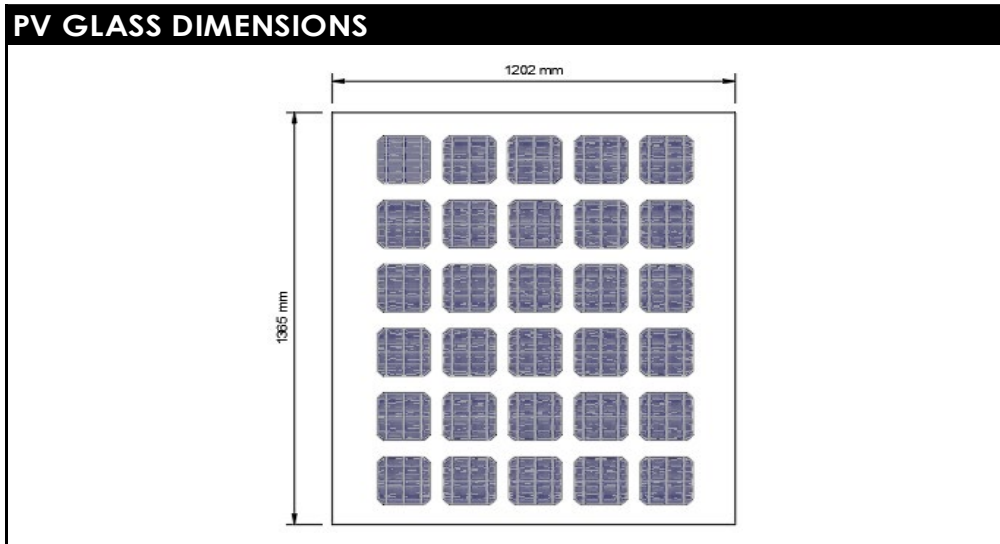


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TECHNICAL DATA - PV-1a



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	58%
U-value [W/sqm.K]	1,6
Peak Power [Wp/sqm]	80,7

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TECHNICAL DATA - PV-3d

PHOTOVOLTAIC GLASS		1172 x 1210	
		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	110	P _{mpp} (Wp)	
Open-circuit voltage	16	V _{oc} (V)	
Short-circuit current	8,93	I _{sc} (A)	
Voltage at nominal power	13	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	1172	mm	
Width	1210	mm	
Thickness	35,32	mm	
Surface area	1,42	sqm	
Weight	71	Kgs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	25	59%	
Front Glass	6 mm	HS Low-iron	
Rear Glass	6 mm	Heat Strenghtened	
Gas Spacer	12 mm	Air Chamber	
Inner Glass	4 mm	HS SGG Planitherm	
Inner Glass	4 mm	Heat Strenghtened	
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	-0,451	%/°C	
Temperature Coefficient of Voc	-0,361	%/°C	
Temperature Coefficient of Isc	+0,08	%/°C	

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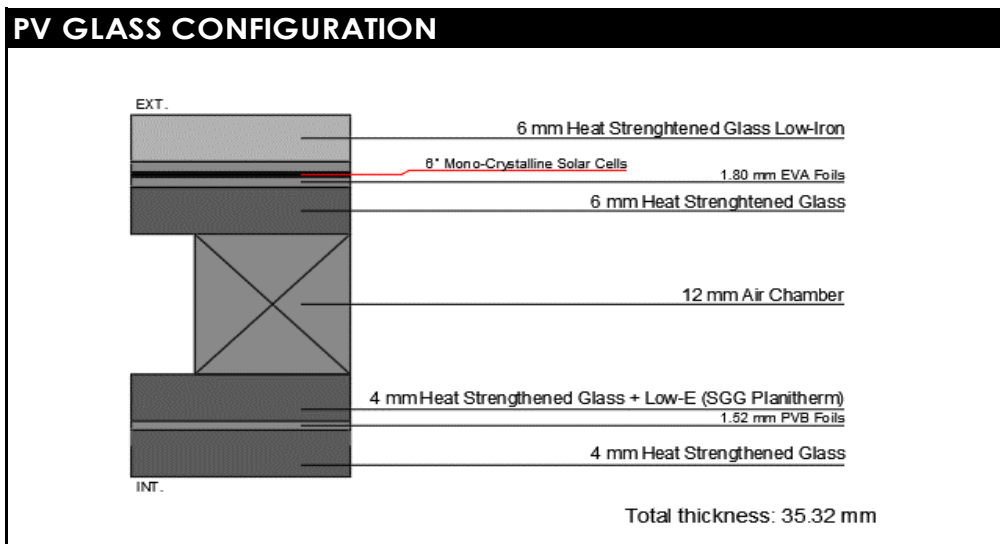
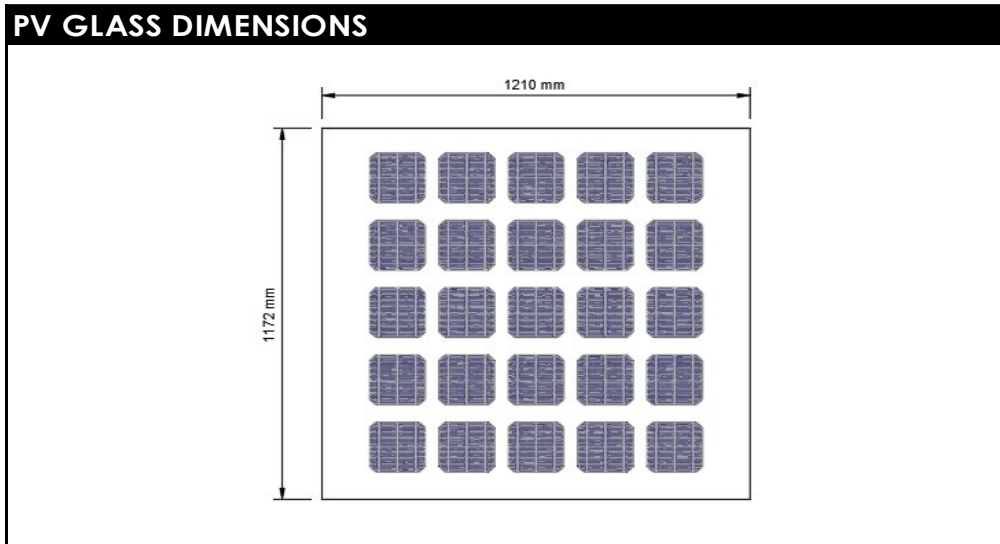


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TECHNICAL DATA - PV-3d



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	59%
U-value [W/sqm.K]	1,6
Peak Power [Wp/sqm]	77,8

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TECHNICAL DATA - OP-1b

PHOTOVOLTAIC GLASS		1153 x 910	
		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power		0	P_{mpp} (Wp)
Open-circuit voltage		0	V_{oc} (V)
Short-circuit current		0,00	I_{sc} (A)
Voltage at nominal power		0	V_{mpp} (V)
Current at nominal power		0,00	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		1153	mm
Width		910	mm
Thickness		35,32	mm
Surface area		0,91	sqm
Weight		45	Kgs
Cell type		6" Mono	Crystalline
No PV cells / Transparency degree		16	59%
Front Glass		6 mm	HS Low-iron
Rear Glass		6 mm	Heat Strenghtened
Gas Spacer		12 mm	Air Chamber
Inner Glass		4 mm	HS SGG Planitherm
Inner Glass		4 mm	Heat Strenghtened
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

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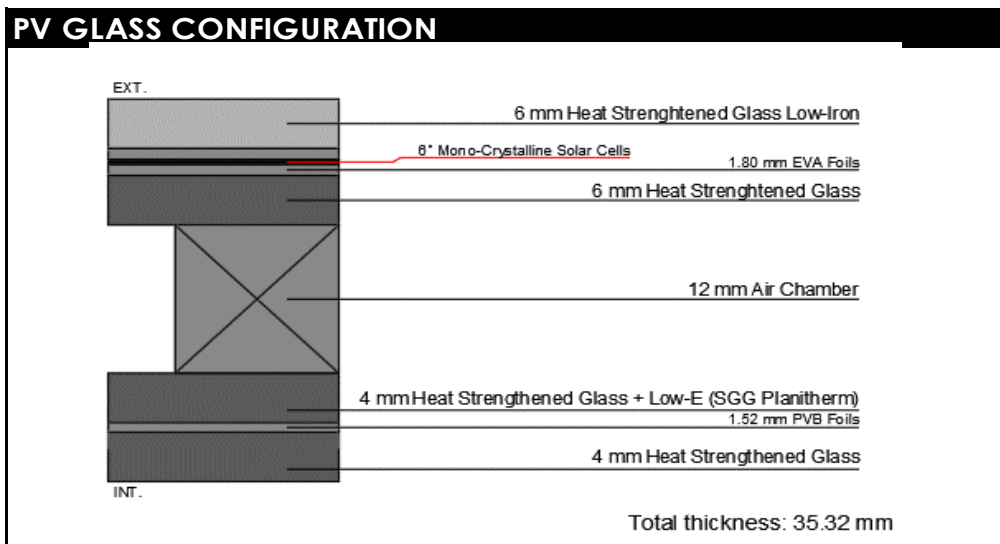
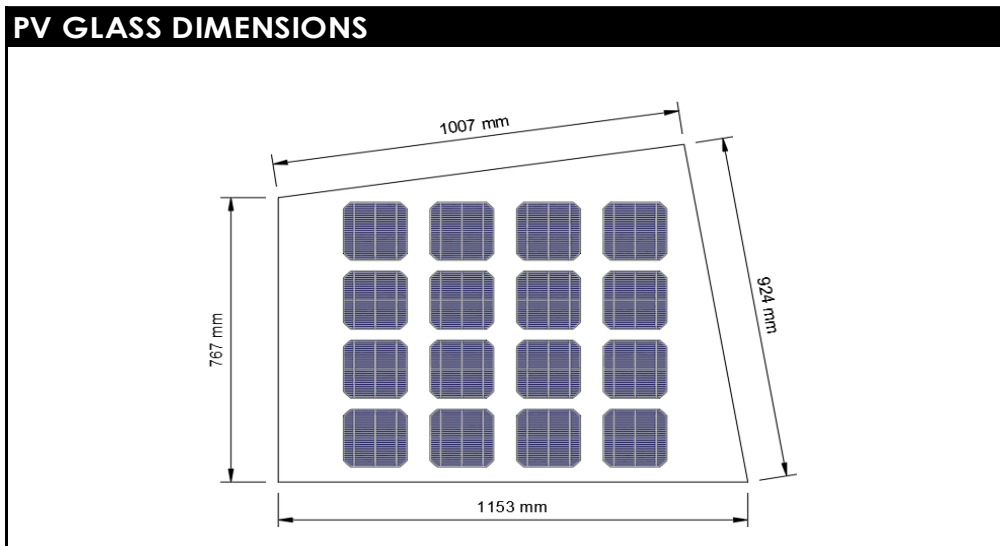


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TECHNICAL DATA - OP-1b



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	59%
U-value [W/sqm.K]	1,6
Peak Power [Wp/sqm]	0,0

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