



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		
	28 x 102	
	6" Mono 158	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	295	P _{mpp} (Wp)
Open-circuit voltage	41	V _{oc} (V)
Short-circuit current	9,41	I _{sc} (A)
Voltage at nominal power	32	V _{mpp} (V)
Current at nominal power	9,10	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	28	inches
Width	101,61	inches
Thickness	0,54	inches
Surface area	19,75	sqf
Weight	121	Lbs
Cell type	6" Mono 158	Crystalline
No PV cells / Transparency degree	60	0%
Front Glass	1/4"	Tempered Glass Low-Iron
Rear Glass	1/4"	Black Frit Tempered Glass
Thickness encapsulation	1,80 mm	EVA Foils
Category / Color code		Black
Junction Box		
Protection	IP65	
Wiring Section	2,5 mm ² or 4,0 mm ²	
Limits		
Maximum system voltage	600	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of P _{mpp}	-0,32	%/°C
Temperature Coefficient of V _{oc}	-0,28	%/°C
Temperature Coefficient of I _{sc}	0,07	%/°C

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



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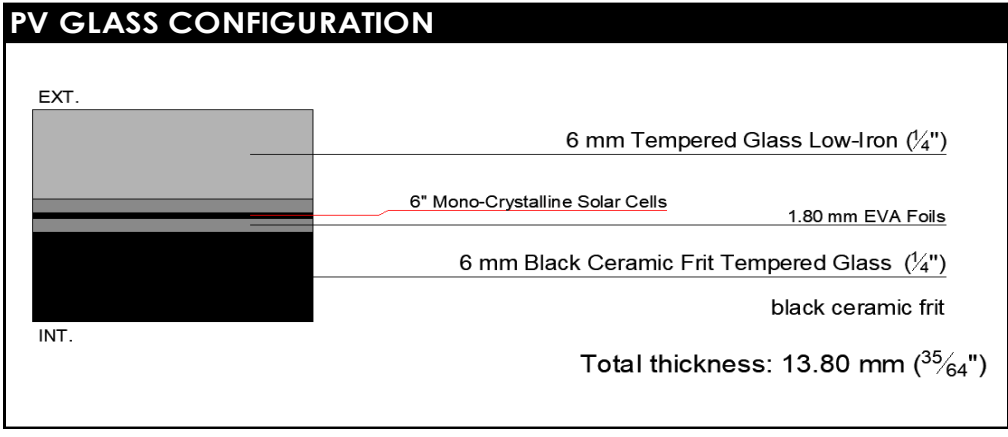
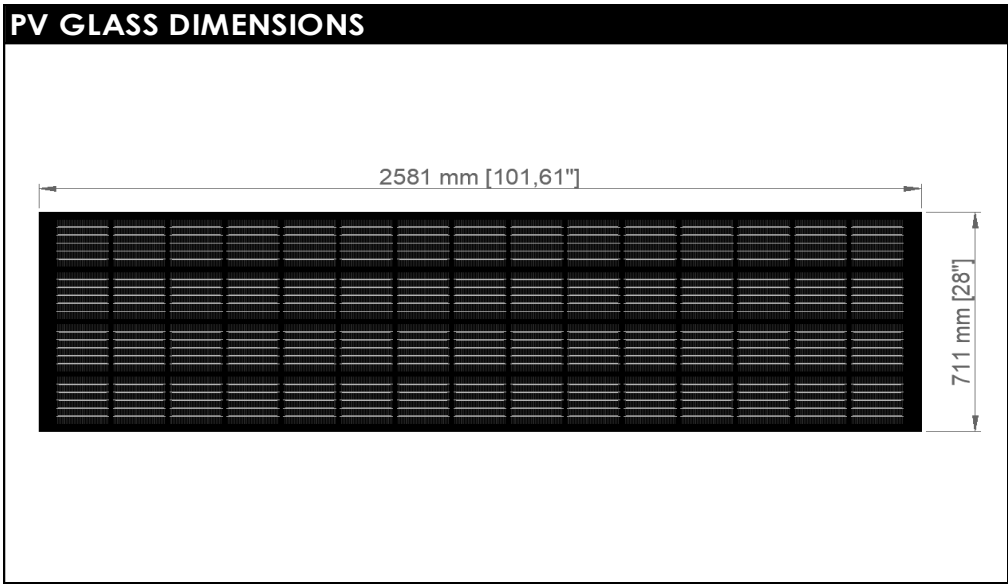
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TECHNICAL DATA - GL.01



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	0%
U-value [Btu/h ft ² °F]	0,92
Peak Power [Wp/sqf]	14,9

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TECHNICAL DATA - GL.02

PHOTOVOLTAIC GLASS		
	46 x 102	
	6" Mono 158	Crystalline
Electrical data test conditions (STC)		
Nominal peak power	442	P _{mpp} (Wp)
Open-circuit voltage	61	V _{oc} (V)
Short-circuit current	9,41	I _{sc} (A)
Voltage at nominal power	49	V _{mpp} (V)
Current at nominal power	9,10	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	46	inches
Width	101,61	inches
Thickness	0,54	inches
Surface area	32,44	sqf
Weight	199	Lbs
Cell type	6" Mono 158	Crystalline
No PV cells / Transparency degree	90	0%
Front Glass	1/4"	Tempered Glass Low-Iron
Rear Glass	1/4"	Black Frit Tempered Glass
Thickness encapsulation	1,80 mm	EVA Foils
Category / Color code		Black
Junction Box		
Protection	IP65	
Wiring Section	2,5 mm ² or 4,0 mm ²	
Limits		
Maximum system voltage	600	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of P _{mpp}	-0,32	%/°C
Temperature Coefficient of V _{oc}	-0,28	%/°C
Temperature Coefficient of I _{sc}	0,07	%/°C

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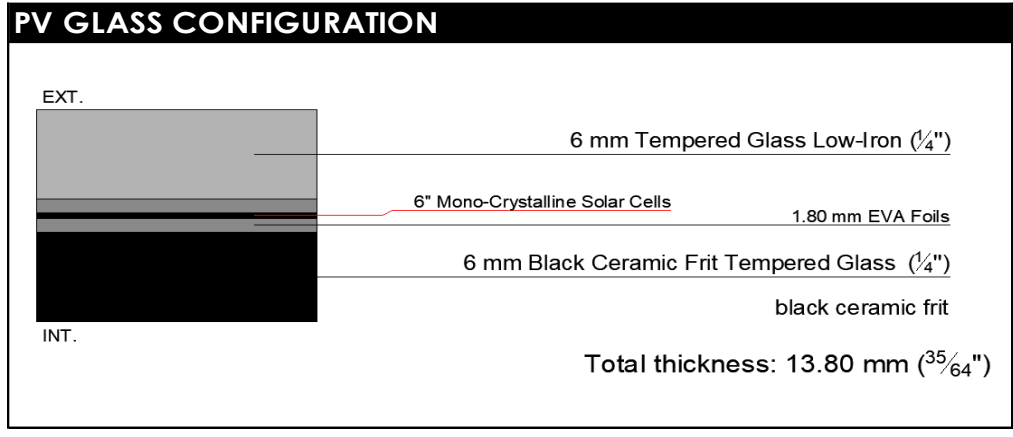
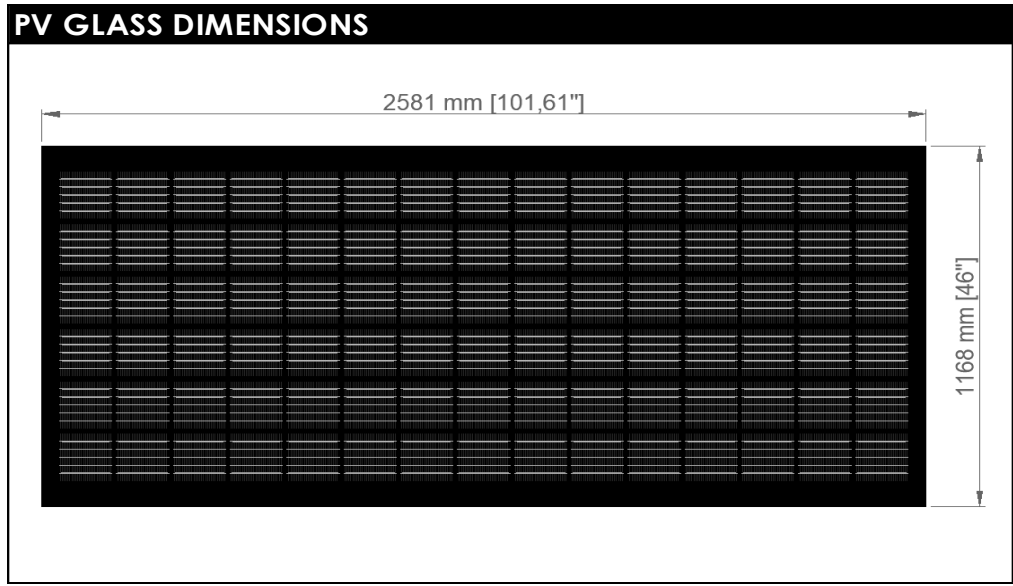
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TECHNICAL DATA - GL.02



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	0%
U-value [Btu/h ft ² °F]	0,92
Peak Power [Wp/sqf]	13,6

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