



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		87,5 x 22,9	
		M Vision (10%)	
Electrical data test conditions (STC)			
Nominal peak power	52	P _{mpp} (Wp)	
Open-circuit voltage	45,29	V _{oc} (V)	
Short-circuit current	2,05	I _{sc} (A)	
Voltage at nominal power	31,11	V _{mpp} (V)	
Current at nominal power	1,66	I _{mpp} (A)	
Power tolerance not to exceed	± 5	%	
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.			
Mechanical description			
Length	87,5	inches	
Width	22,9	inches	
Thickness	0,72	inches	
Surface area	13,89	sqf	
Weight	108	Lbs	
Cell type	a-Si	Thin Film	
Transparency degree	M	Vision (10%)	
Front Glass	1/4"	Tempered Glass	
PV Active Glass	1/8 "	Float Glass	
Rear Glass	1/4"	Tempered Glass	
Thickness encapsulation	3,04 mm	PVB Foils	
Category / Color code			
Junction Box			
Protection	IP65		
Wiring Section / Length cables	14 AWG	45 feet	
Limits			
Maximum system voltage	600	V _{sys} (V)	
Operating module temperature	-40...+85	°C	
Temperature Coefficients			
Temperature Coefficient of P _{mpp}	-0,19	% / °C	
Temperature Coefficient of V _{oc}	-0,28	% / °C	
Temperature Coefficient of I _{sc}	+0,09	% / °C	

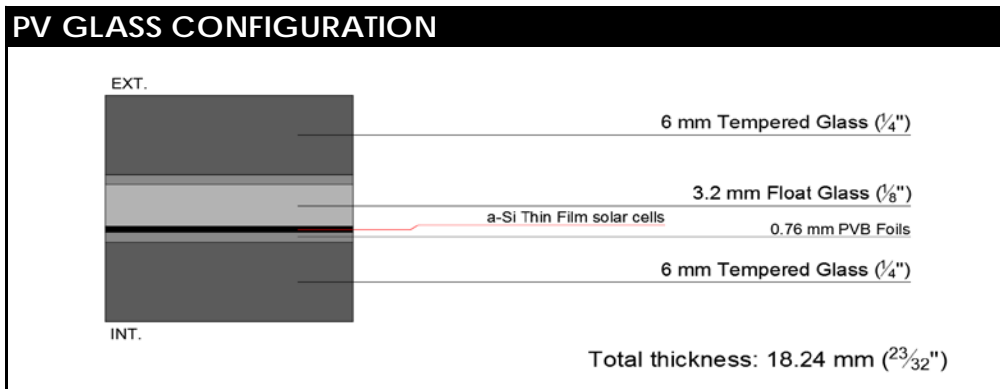
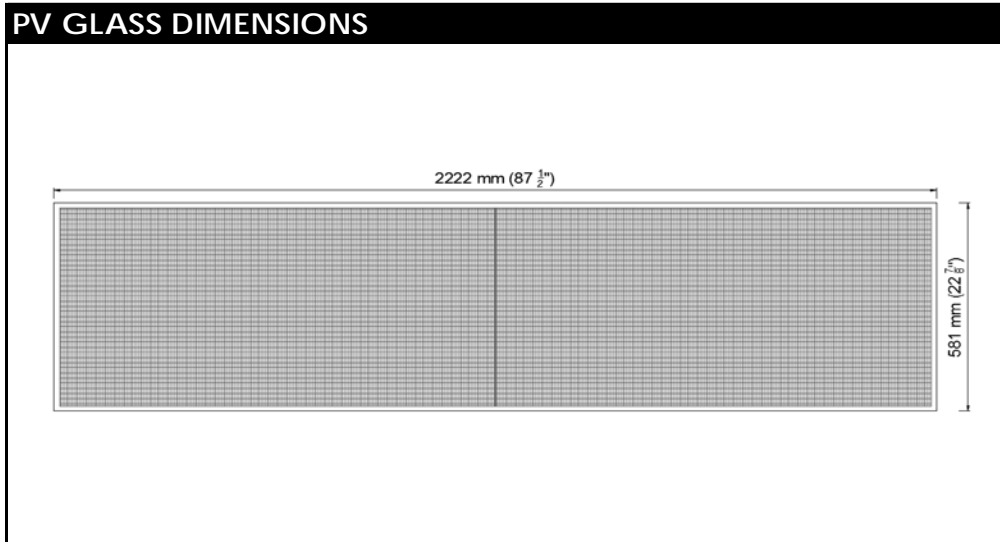
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TECHNICAL DATA - GL.01



GLASS PROPERTIES	Onyx Equivalent Glass
Solar Factor/SHGC	29.00%
Light Transmission	10.10%
UV Transmission	< 1%
Light Reflection	8%
U-value [Btu/h ft ² °F]	0,93
Peak Power [Wp/sqf]	3,7

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TECHNICAL DATA - GL.02

PHOTOVOLTAIC GLASS		88,6 x 22,9
		M Vision (10%)
Electrical data test conditions (STC)		
Nominal peak power	52	P _{mpp} (Wp)
Open-circuit voltage	45,29	V _{oc} (V)
Short-circuit current	2,08	I _{sc} (A)
Voltage at nominal power	31,11	V _{mpp} (V)
Current at nominal power	1,68	I _{mpp} (A)
Power tolerance not to exceed	± 5	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	88,6	inches
Width	22,9	inches
Thickness	0,72	inches
Surface area	14,07	sqf
Weight	110	Lbs
Cell type	a-Si	Thin Film
Transparency degree	M	Vision (10%)
Front Glass	1/4"	Tempered Glass
PV Active Glass	1/8 "	Float Glass
Rear Glass	1/4"	Tempered Glass
Thickness encapsulation	3,04 mm	PVB Foils
Category / Color code		
Junction Box		
Protection	IP65	
Wiring Section / Length cables	14 AWG	45 feet
Limits		
Maximum system voltage	600	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of Pmpp	-0,19	%/°C
Temperature Coefficient of Voc	-0,28	%/°C
Temperature Coefficient of Isc	+0,09	%/°C

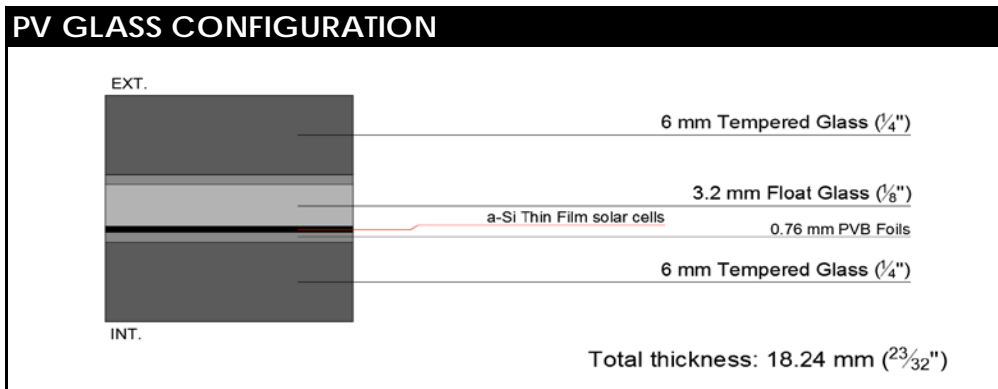
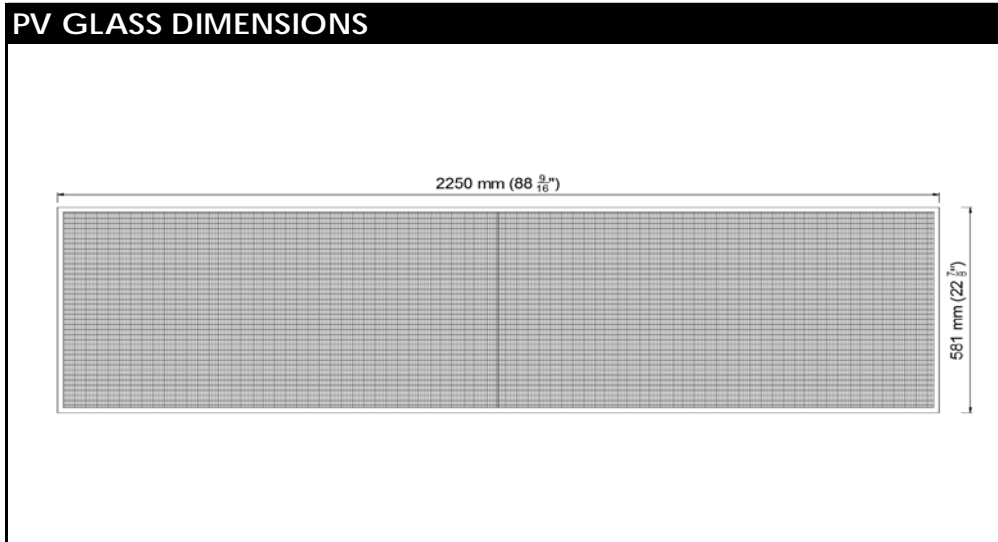
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TECHNICAL DATA - GL.02



GLASS PROPERTIES	Onyx Equivalent Glass
Solar Factor/SHGC	29.00%
Light Transmission	10.10%
UV Transmission	< 1%
Light Reflection	8%
U-value [Btu/h ft ² °F]	0,93
Peak Power [Wp/sqf]	3,7

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TECHNICAL DATA - GL.03

PHOTOVOLTAIC GLASS		63,0 x 22,9
		M Vision (10%)
Electrical data test conditions (STC)		
Nominal peak power	37	P _{mpp} (Wp)
Open-circuit voltage	45,29	V _{oc} (V)
Short-circuit current	1,48	I _{sc} (A)
Voltage at nominal power	31,11	V _{mpp} (V)
Current at nominal power	1,20	I _{mpp} (A)
Power tolerance not to exceed	± 5	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	63,0	inches
Width	22,9	inches
Thickness	0,72	inches
Surface area	10,00	sqf
Weight	78	Lbs
Cell type	a-Si	Thin Film
Transparency degree	M	Vision (10%)
Front Glass	1/4"	Tempered Glass
PV Active Glass	1/8 "	Float Glass
Rear Glass	1/4"	Tempered Glass
Thickness encapsulation	3,04 mm	PVB Foils
Category / Color code		
Junction Box		
Protection	IP65	
Wiring Section / Length cables	14 AWG	45 feet
Limits		
Maximum system voltage	600	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of Pmpp	-0,19	%/°C
Temperature Coefficient of Voc	-0,28	%/°C
Temperature Coefficient of Isc	+0,09	%/°C

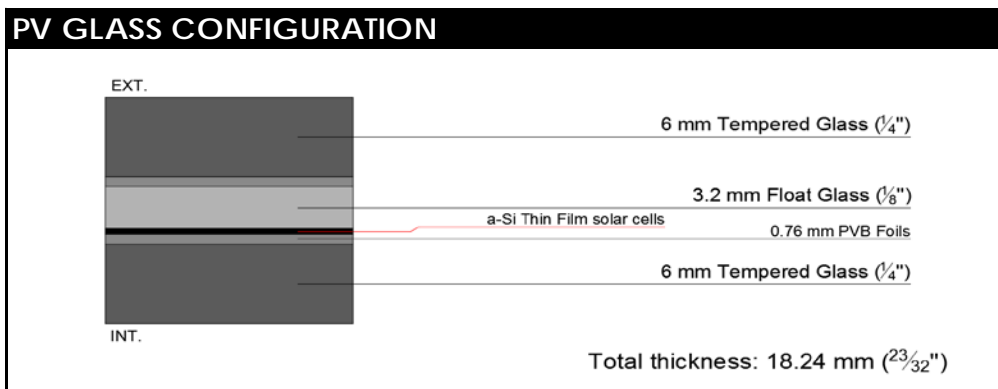
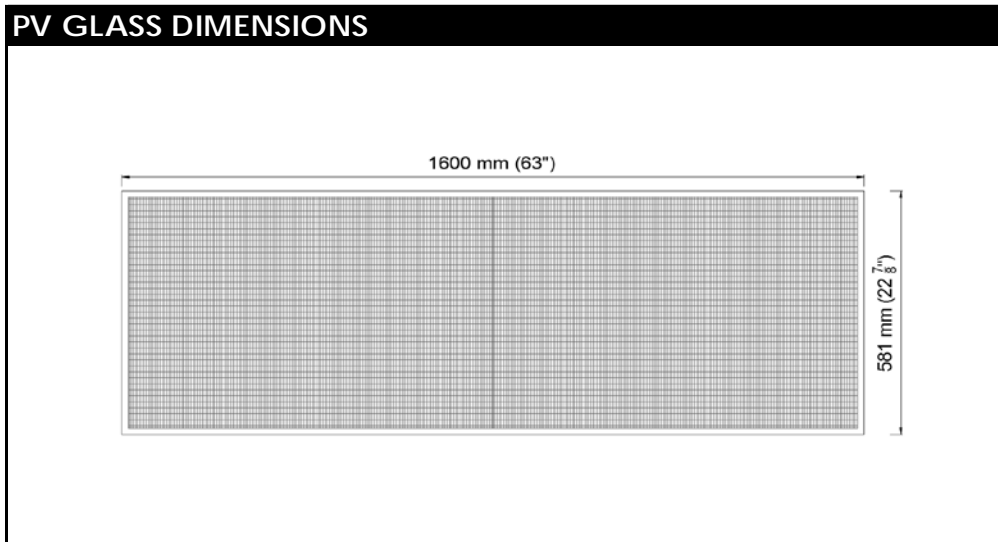
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TECHNICAL DATA - GL.03



GLASS PROPERTIES	Onyx Equivalent Glass
Solar Factor/SHGC	29.00%
Light Transmission	10.10%
UV Transmission	< 1%
Light Reflection	8%
U-value [Btu/h ft ² °F]	0,93
Peak Power [Wp/sqf]	3,7

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TECHNICAL DATA - GL.04

PHOTOVOLTAIC GLASS		99,1 x 22,9
		M Vision (10%)
Electrical data test conditions (STC)		
Nominal peak power	58	P _{mpp} (Wp)
Open-circuit voltage	45,29	V _{oc} (V)
Short-circuit current	2,32	I _{sc} (A)
Voltage at nominal power	31,11	V _{mpp} (V)
Current at nominal power	1,88	I _{mpp} (A)
Power tolerance not to exceed	± 5	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	99,1	inches
Width	22,9	inches
Thickness	0,72	inches
Surface area	15,73	sqf
Weight	122	Lbs
Cell type	a-Si	Thin Film
Transparency degree	M	Vision (10%)
Front Glass	1/4"	Tempered Glass
PV Active Glass	1/8 "	Float Glass
Rear Glass	1/4"	Tempered Glass
Thickness encapsulation	3,04 mm	PVB Foils
Category / Color code		
Junction Box		
Protection	IP65	
Wiring Section / Length cables	14 AWG	45 feet
Limits		
Maximum system voltage	600	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of Pmpp	-0,19	%/°C
Temperature Coefficient of Voc	-0,28	%/°C
Temperature Coefficient of Isc	+0,09	%/°C

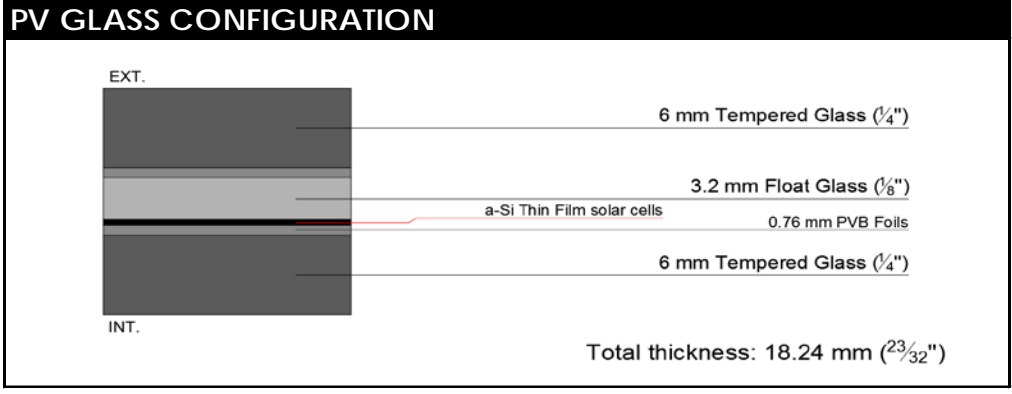
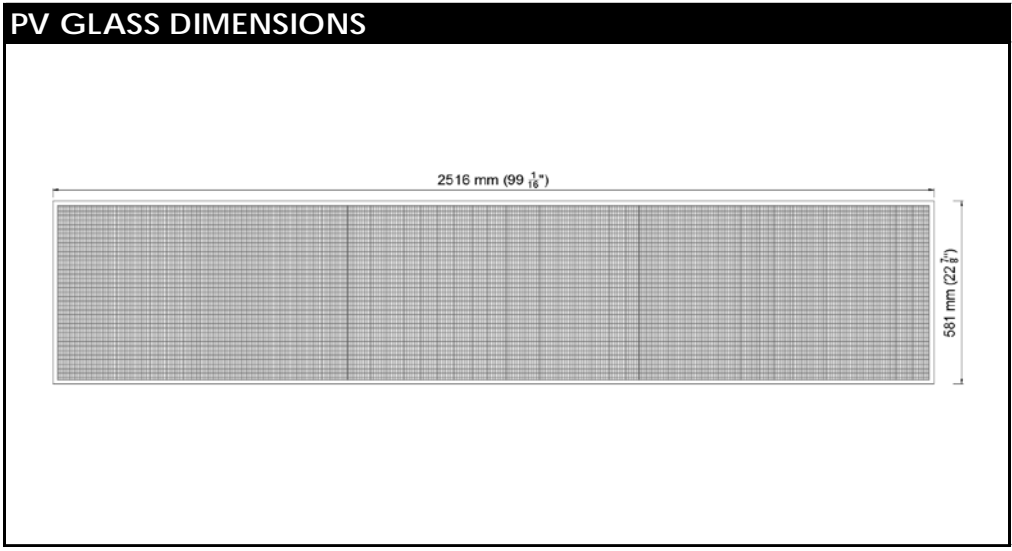
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TECHNICAL DATA - GL.04



GLASS PROPERTIES	Onyx Equivalent Glass
Solar Factor/SHGC	29.00%
Light Transmission	10.10%
UV Transmission	< 1%
Light Reflection	8%
U-value [Btu/h ft ² °F]	0,93
Peak Power [Wp/sqf]	3,7

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