



TECHNICAL DATA 91131-GZ05-0-001

PHOTOVOLTAIC GLASS		1028 x 1441	
		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	235	P _{mpp} (Wp)	
Open-circuit voltage	32	V _{oc} (V)	
Short-circuit current	9,33	I _{sc} (A)	
Voltage at nominal power	27	V _{mpp} (V)	
Current at nominal power	8,77	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	1028	mm	
Width	1441	mm	
Thickness	13,8	mm	
Surface area	1,48	sqm	
Weight	44	Kgs	
Cell type	6" Mono	Crystalline Aleo High Effic.	
No PV cells / Transparency degree	48	5%	
Front Glass	6 mm	H. S. Extra-clear	
Rear Glass	6 mm	H. S. Sunguard HP Silver 20	
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	

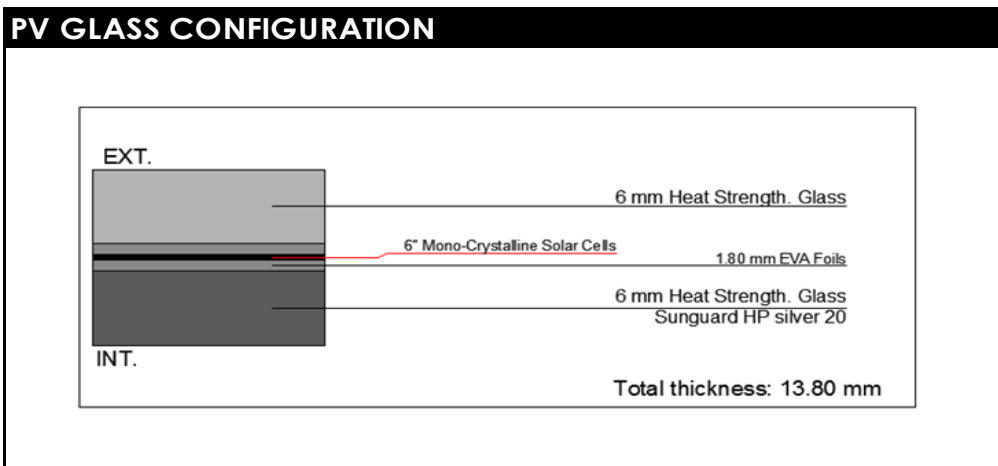
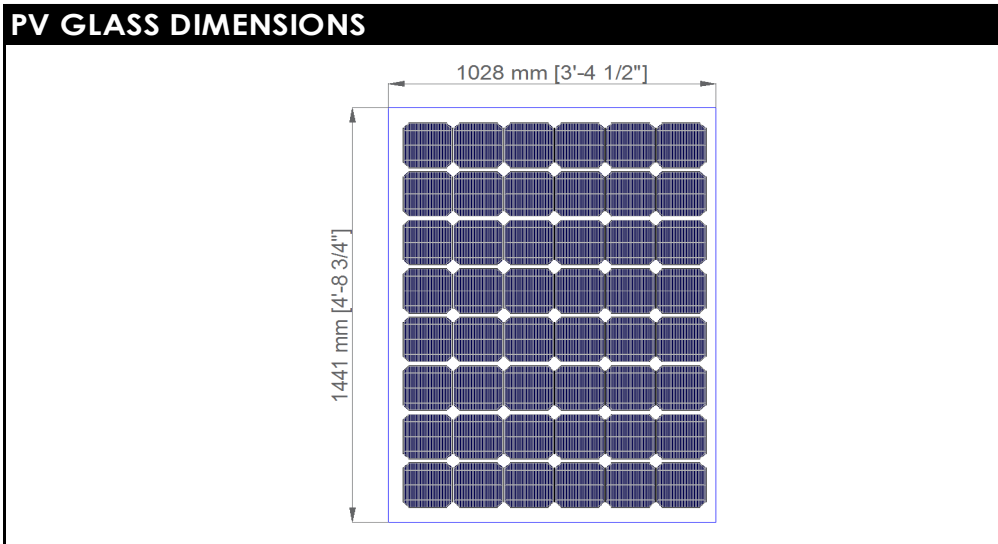
* All technical specifications are subject to change without notice by Onyx Solar

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GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	5%
U-value [W/m ² .K]	5,2
Peak Power [Wp/m ²]	158,3

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