



TECHNICAL DATA - TYPE 01 (50 cells)

PHOTOVOLTAIC GLASS		1995 x 989	
TYPE.01		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	238	P _{mpp} (Wp)	
Open-circuit voltage	33	V _{oc} (V)	
Short-circuit current	9.09	I _{sc} (A)	
Voltage at nominal power	28	V _{mpp} (V)	
Current at nominal power	8.54	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	1995	mm	
Width	989	mm	
Thickness	32.56	mm	
Surface area	1.97	sqm	
Weight	99	Kgs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	50	42%	
Front Glass	6 mm	Tempered Glass Low-Iron	
Rear Glass	6 mm	Tempered Glass	
Gas Spacer	10 mm	Argon Chamber	
Inner Glass	4 mm	HS Low-e Glass	
Inner Glass	4 mm	HS Glass	
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	

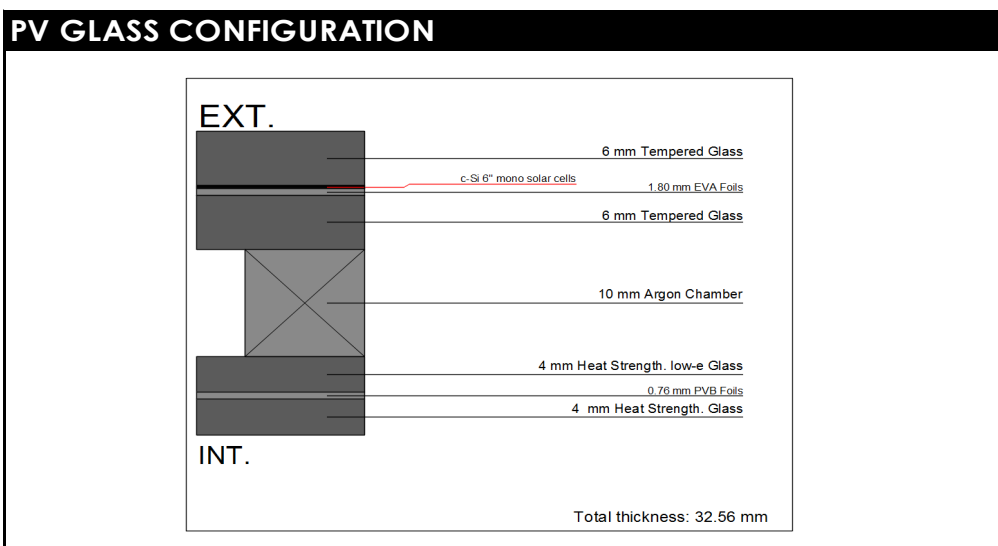
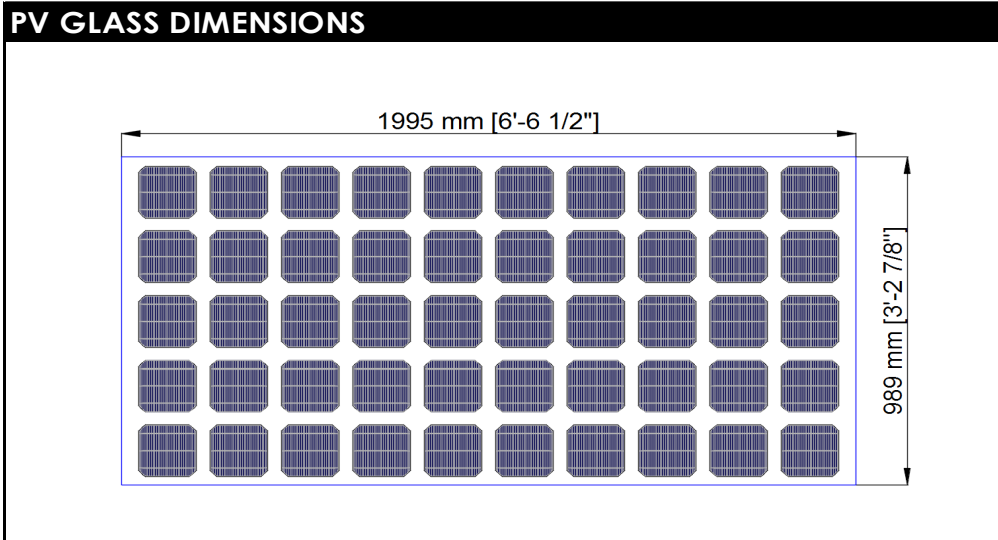
* All technical specifications are subject to change without notice by Onyx Solar

global leader in building integrated photovoltaic glass





TECHNICAL DATA - TYPE 01 (50 cells)



GLASS PROPERTIES	Onyx Equivalent Glass
Light Transmission	42%
U-value [W/sqm.K]	1.37
Peak Power [Wp/sqm]	120.6

global leader in building integrated photovoltaic glass

