



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		1600 x 800	
GL.01		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	124	P _{mpp} (Wp)	
Open-circuit voltage	18	V _{oc} (V)	
Short-circuit current	8.93	I _{sc} (A)	
Voltage at nominal power	15	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	1600	mm	
Width	800	mm	
Thickness	35	mm	
Surface area	1.28	sqm	
Weight	61	Kgs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	28	50%	
Front Glass	4 mm	Tempered Glass Low-Iron	
Rear Glass	4 mm	Tempered Glass	
Gas Spacer	16 mm	Argon Chamber	
Inner Glass	4 mm	Float Glass	
Inner Glass	6 mm	Float Glass	
Thickness encapsulation	0,90 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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