



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		1052 x 1241	
GL.01		6" Mono	Crystalline
Electrical data test conditions (STC)			
Nominal peak power	185	P_{mpp} (Wp)	
Open-circuit voltage	27	V_{oc} (V)	
Short-circuit current	8.93	I_{sc} (A)	
Voltage at nominal power	22	V_{mpp} (V)	
Current at nominal power	8.39	I_{mpp} (A)	
Power tolerance not to exceed	± 10	%	
STC: 1000 w/m ² , AM 15 and a cell temperature of 25°C, stabilized module state.			
Mechanical description			
Length	1052	mm	
Width	1241	mm	
Thickness	31.8	mm	
Surface area	1.31	sqm	
Weight	58.75	Kgs	
Cell type	6" Mono	Crystalline	
No PV cells / Transparency degree	42 cells	26%	
Front Glass	6 mm	Tempered Glass	
Rear Glass	6 mm	Tempered Glass	
Gas Spacer	12 mm	Air Chamber	
Inner Glass	6 mm	Tempered 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 Pmpp	-0,451	%/°C	
Temperature Coefficient of Voc	-0,361	%/°C	
Temperature Coefficient of Isc	+0,08	%/°C	

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

photovoltaic building materials

