



TECHNICAL DATA - GL.01a -GL.01b

PHOTOVOLTAIC GLASS		1930 x 865
	M	Clear-20%
Electrical data test conditions (STC)		
Nominal peak power	57	P_{mpp} (Wp)
Open-circuit voltage	67	V_{oc} (V)
Short-circuit current	1,50	I_{sc} (A)
Voltage at nominal power	46	V_{mpp} (V)
Current at nominal power	1,22	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	1930	mm
Width	865	mm
Thickness	12,72	mm
Surface area	1,67	sqm
Weight	46,74	Kgs
Cell type	α -Si	Thin Film
Transparency degree	M	Clear-20%
Front Glass	4 mm	Tempered Glass
PV Active Glass	3,2 mm	Float Glass
Rear Glass	4 mm	Tempered Glass
Thickness encapsulation	3,04 mm	PVB 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}	-0,19	%/°C
Temperature Coefficient of V_{oc}	-0,28	%/°C
Temperature Coefficient of I_{sc}	+0,09	%/°C

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

photovoltaic building materials

