



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		2050 x 1845	
GL.01.07		L	Vision (20%)
Electrical data test conditions (STC)			
Nominal peak power	129	P _{mpp} (Wp)	
Open-circuit voltage	144	V _{oc} (V)	
Short-circuit current	1,60	I _{sc} (A)	
Voltage at nominal power	99	V _{mpp} (V)	
Current at nominal power	1,30	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	2050	mm	
Width	1845	mm	
Thickness	69	mm	
Surface area	3,78	sqm	
Weight	276	Kgs	
Cell type	α-Si	Thin Film	
Transparency degree	L	Vision (20%)	
Front Glass	6 mm	Tempered Glass	
PV Active Glass	3,2 mm	Float Glass	
Rear Glass	6 mm	Tempered Glass	
Air Chamber	18 mm	Tempered Glass	
Inner Glass	6 mm	Tempered Glass	
Air Chamber	18 mm	Argon Chamber	
Inner Glass	4 mm	Float Glass Low-e	
Inner Glass	4 mm	Float Glass	
Thickness encapsulation	1,52 mm	PVB Foils (x2)	
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	
Max. Series Fuse	3	A	
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



global leader in building integrated photovoltaic glass



SPAIN (Avila)
C/ Rio Cea 1, 46 • 05004
Phone: +34 920 21 00 50
info@onyxsolar.com • www.onyxsolar.es

UNITED STATES (New York)
79 Madison Avenue Suite 640 • NY 10016
Phone: +1 917 261 4783
usa@onyxsolar.com • www.onyxsolar.com

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