



<b>PHOTOVOLTAIC GLASS</b>		<b>1600 x 2000</b>
	<b>L</b>	<b>Vision (20%)</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	100	$P_{mpp}$ (Wp)
Open-circuit voltage	143	$V_{oc}$ (V)
Short-circuit current	1,25	$I_{sc}$ (A)
Voltage at nominal power	98	$V_{mpp}$ (V)
Current at nominal power	1,02	$I_{mpp}$ (A)
Power tolerance not to exceed	$\pm 5$	%
STC: 1000 w/m <sup>2</sup> , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
<b>Mechanical description</b>		
Length	1600	mm
Width	2000	mm
Thickness	18,24	mm
Surface area	3,20	sqm
Weight	122	Kgs
Cell type	$\alpha$ -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
Thickness encapsulation	1,52 mm	PVB Foils (x2)
Category / Color code		
<b>Junction Box</b>		
Protection	IP65	
Wiring Section	2,5 mm <sup>2</sup> or 4,0 mm <sup>2</sup>	
<b>Limits</b>		
Maximum system voltage	1000	$V_{sys}$ (V)
Operating module temperature	-40...+85	°C
Max. Series Fuse	3	A
<b>Temperature Coefficients</b>		
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**

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