



## TECHNICAL DATA - TYPE 1

<b>PHOTOVOLTAIC GLASS</b>		<b>600 x 600</b>
		<b>Dark      Clear-0%</b>
<b>Electrical data test conditions (STC)</b>		
Nominal peak power	21	P <sub>mpp</sub> (Wp)
Open-circuit voltage	47	V <sub>oc</sub> (V)
Short-circuit current	0,72	I <sub>sc</sub> (A)
Voltage at nominal power	32	V <sub>mpp</sub> (V)
Current at nominal power	0,65	I <sub>mpp</sub> (A)
Power tolerance not to exceed	±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	600	mm
Width	600	mm
Thickness	7,65	mm
Surface area	0,36	sqm
Weight	7	Kgs
Cell type	α-Si	Thin Film
Transparency degree	Dark	Clear-0%
PV Active Glass	3,2 mm	Float Glass
Rear Glass	4 mm	Float Glass
Thickness encapsulation	0,45 mm	EVA Foils
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 <sub>sys</sub> (V)
Operating module temperature	-40...+85	°C
<b>Temperature Coefficients</b>		
Temperature Coefficient of P <sub>mpp</sub>	-0,19	%/°C
Temperature Coefficient of V <sub>oc</sub>	-0,28	%/°C
Temperature Coefficient of I <sub>sc</sub>	+0,09	%/°C

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

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