



ONYX PHOTOVOLTAIC GLASS 02

Electrical data test conditions (STC)

Nominal peak power	78	P_{mpp} (Wp)
Open-circuit voltage	18	V_{oc} (V)
Short-circuit current	5,59	I_{sc} (A)
Voltage at nominal power	15	V_{mpp} (V)
Current at nominal power	5,25	I_{mpp} (A)
Power tolerance not to exceed	$\pm 10\%$	%

STC: 1000 w/m², AM 1.5 and a cell temperature of 25°C, stabilized module state.

Mechanical description

Length	1185	mm
Width	627	mm
Thickness	5	mm
Surface area	0,74	m ²
Weight density	10,00	Kg/m ²
Cell type	5" mono-crystalline solar cells	
Transparency degree	30%	
First layer	4 mm tempered glass	
Second layer	1 mm TEDLAR/PYE	
Third layer		
Fourth layer		
Fifth layer		
Sixth layer		
Thickness encapsulation	0,90 mm EVA layers	
Color code / thickness	--	

Limits

Maximum system voltage	1000	V_{sys} (V)
Operating module temperature	-40...+85	°C

* Electrical values are approximate, depending on the active surface of the PV glass.

