130806-03

ONYX PHOTOVOLTAIC GLASS

Electrical data test conditions (STC)		
Nominal peak power	45,00	P_{mpp} (Wp)
Open-circuit voltage	58,00	V_{oc} (V)
Short-circuit current	1,07	I_{sc} (A)
Voltage at nominal power	48,00	V_{mpp} (V)
Current at nominal power	0,95	I_{mpp} (A)
Power tolerance not to exceed	±5	%

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

Mechanical description		
Dimensions (mm)	1200 x 600	
Dimensions (inches)	47 1/4" x 23 5/8"	
Thickness	9/32"	in
Surface area	7,75	sqf
Weight density	11,52	Kg
Cell type	a-Si Thin Film	Solar cells
Transparency degree	Dark	Clear-0%
First layer	1/8"	Float glass
Second layer	1/8"	Float glass
Thickness encapsulation	1/32"	PVB layers
Color code / thickness	--	

Junction Box		
Protection	IP65	
Conectors	MC4 or compatible	
Wiring Section	2,5	mm^2

Limits		
Maximum system voltage	600	V_{sys} (V)
Operating module temperature	-40...+85	ºC

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

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