



PHOTOVOLTAIC GLASS		034_N-12000600-_-_-			
1200 x 600 mm		ref. 00	ref. 10	ref. 20	ref. 30
Electrical data test conditions (STC)		DARK (0%)	M VISION (10%)	L VISION (20%)	XL VISION (30%)
Nominal peak power	P_{mp} (Wp)	41	29	24	20
Open-circuit voltage	V_{oc} (V)	47	47	47	47
Short-circuit current	I_{sc} (A)	1,45	1,11	0,93	0,74
Voltage at nominal power	V_{mp} (V)	32	32	32	32
Current at nominal power	I_{mp} (A)	1,29	0,90	0,76	0,63
Power tolerance not to exceed	%	±5	±5	±5	±5

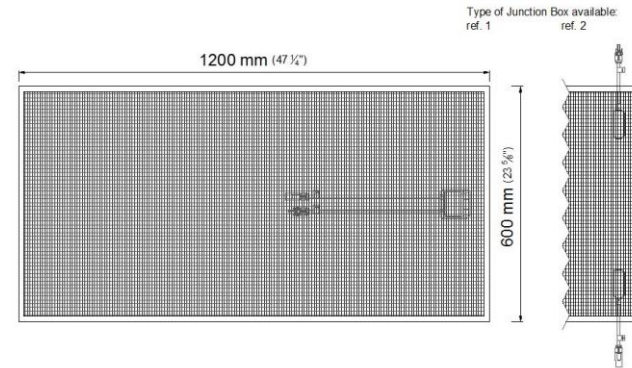
STC: 1000 w/m², AM 1.5 and a cell temperature of 25°C, stabilized module state.

Mechanical description	
Length	mm 1200
Width	mm 600
Thickness	mm 8,10 (EVA) 7,96 (PVB)
Surface area	sqm 0,72
Weight	Kg 11,52
Cell type	α-Si Thin Film
PV Glass	3,2 mm Float Glass
Rear Glass	4,0 mm Float Glass
Thickness encapsulation	ref. A 0,90 mm EVA Foils
	ref. B 0,76 mm PVB Foils

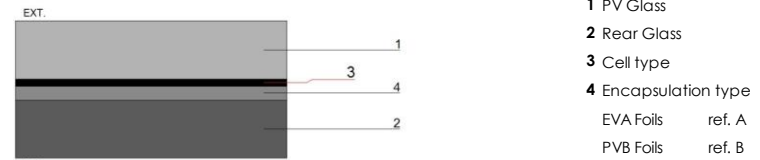
Junction Box	
Protection	IP65
Wiring Section	2,5 mm ² / 4,0 mm ²
Limits	
Maximum system voltage	V_{sys} (V) 1.000
Operating module temperature	°C -40...+85
Temperature Coefficients	
Temperature Coefficient of P_{mpp}	%/°C -0,19
Temperature Coefficient of V_{oc}	%/°C -0,28
Temperature Coefficient of I_{sc}	%/°C +0,09

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



- 1 PV Glass
 - 2 Rear Glass
 - 3 Cell type
 - 4 Encapsulation type
- EVA Foils ref. A
PVB Foils ref. B

NOTES

* For optical and further mechanical properties, please go to:

Technical Guide. 7.-Other Properties.

* Optional: Insulating Glass Unit. U value (W/sqm.K), please go to:

Technical Guide. 8.-Insulating Glass Unit.

* Junction box type and location should be approved by the customer.

