



PHOTOVOLTAIC GLASS		636BN-24620635- _ _ _			
2462 x 635 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)	90	63	53	44
Open-circuit voltage	V_{oc} (V)	50	50	50	50
Short-circuit current	I_{sc} (A)	2,97	2,27	1,92	1,52
Voltage at nominal power	V_{mp} (V)	34	34	34	34
Current at nominal power	I_{mp} (A)	2,65	1,84	1,56	1,29
Power tolerance not to exceed	%	± 5	± 5	± 5	± 5

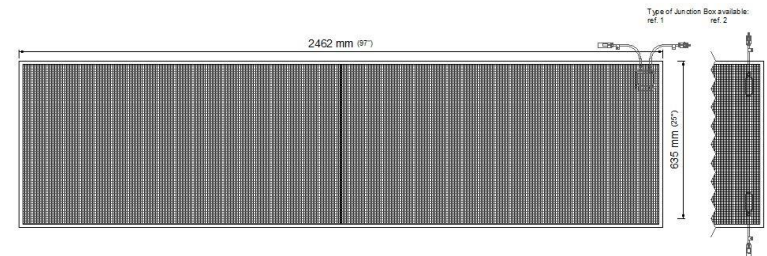
STC: 1000 w/m², AM 1.5 and a cell temperature of 25°C, stabilized module state.

Mechanical description	
Length	mm 2462
Width	mm 635
Thickness	mm 16,72 / 14,72 / 12,72
Surface area	sqm 1,56
Weight	Kg 58,9 / 51,2 / 43,4
Cell type	α -Si Thin Film
Front Glass	6 / 5 / 4 mm Tempered Glass
PV Glass	3,2 mm Float Glass
Rear Glass	6 / 5 / 4 mm Tempered Glass
Thickness encapsulation	ref. A EVA Foils (not available)
	ref. B 1,52 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_{mp}	%/°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 Front Glass
 - 2 PV Glass
 - 3 Rear Glass
 - 4 Cell type
 - 5 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.

