PHOTOVOLTAIC GLASS

1650 x 850 mm

0_ _A_-16500850-_ _-_

ref. M ref. P

Electrical data test conditions (STC)		6" Mono-Cryst.	6" Poly-Cryst.
Nominal peak power	P_{mpp} (Wp)	159	145
Open-circuit voltage	V_{oc} (V)	23	22
Short-circuit current	I_{sc} (A)	8.93	8.45
Voltage at nominal power	V_{mpp} (V)	19	18
Current at nominal power	I_{mpp} (A)	8.39	7.93
Power tolerance not to exceed	%	±10	±10

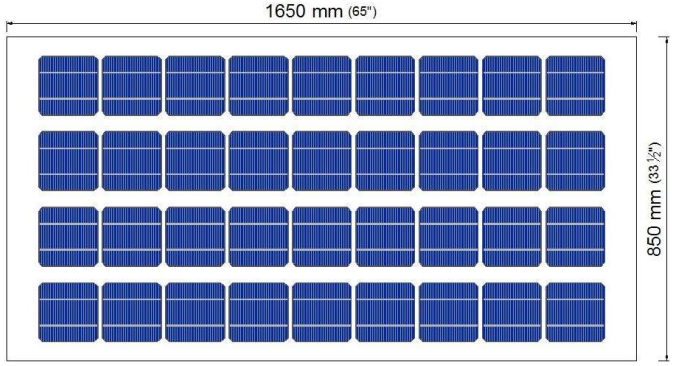
STC: 1000 w/m², AM 1,5 and a cell temperature of 25ºC, stabilized module state.

Mechanical description			
Length	mm	1650	
Width	mm	850	
Thickness	mm	9,80 / 11,80 / 13,80 / 17,80	
Surface area	sqm	1,40	
Weight	Kg	28,00 / 35,00 / 42,00 / 56,00	
Cell type (no PV cells)		6" Mono-C. (36)	6" Poly-C. (36)
Front Glass		4,0 / 5,0 / 6,0 / 8,0 Tempered Glass	
Rear Glass		4,0 / 5,0 / 6,0 / 8,0 Tempered Glass	
Thickness encapsulation	ref. A	1,80 mm EVA Foils	
	ref. B	PVB Foils (not available)	

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	ºC	-40…+85
Temperature Coefficients		
Temperature Coefficient of P_{mpp}	%/ºC	-0,451
Temperature Coefficient of V_{oc}	%/ºC	-0,361
Temperature Coefficient of I_{sc}	%/ºC	+0,08

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

PV GLASS DIMENSIONS

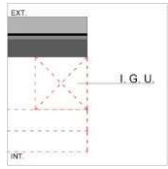


PV GLASS CONFIGURATION

1 Front 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.



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