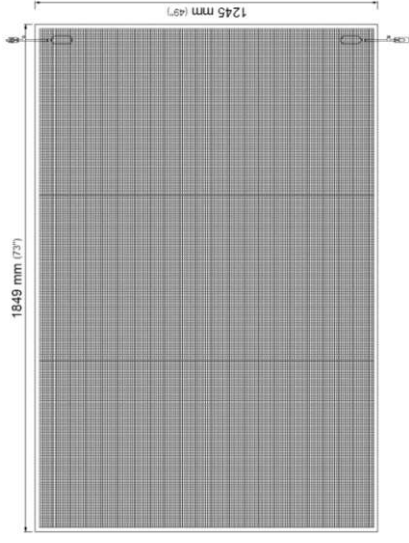




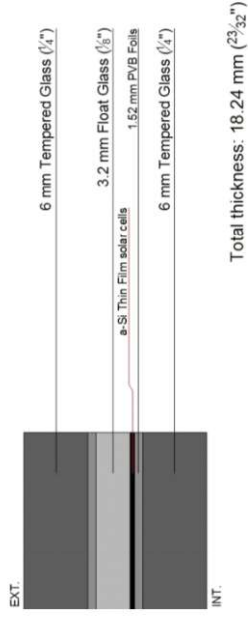
PHOTOVOLTAIC GLASS		1245 x 1849 mm
636BN-12451849-20		M Clear-20%
Electrical data test conditions (STC)		
Nominal peak power	90,00	P _{mpp} (Wp)
Open-circuit voltage	140,00	V _{oc} (V)
Short-circuit current	0,98	I _{sc} (A)
Voltage at nominal power	105,00	V _{mpp} (V)
Current at nominal power	0,87	I _{mpp} (A)
Power tolerance not to exceed	±5	%
STC: 1000 w/m², AM 1,5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	1245	mm
Width	1849	mm
Thickness	18,24	mm
Surface area	2,30	m²
Weight	87,40	Kg
Cell type	α-Si	Thin Film
Transparency degree	M	Clear-20%
First layer	6 mm	Tempered Glass
Second layer	3,2 mm	Float Glass
Third layer	6 mm	Tempered Glass
Thickness encapsulation	3,04 mm	PVB Foils
Junction Box		
Protection	IP65	
Wiring Section	2,5 mm² or 4,0 mm²	
Limits		
Maximum system voltage	1000	V _{sys} (V)
Operating module temperature	-40...+85 °C	
Temperature Coefficients		
Temperature Coefficient of P _{mpp}	-0,19	%/°C
Temperature Coefficient of V _{oc}	-0,28	%/°C
Temperature Coefficient of I _{sc}	+0,09	%/°C

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



NOTES

- * For optical and further mechanical properties, please go to: Annex 01 - Other Properties.
- * Optional: Insulating Glass Unit. U value (W/sqm.K), please go to: Annex 02 - Insulating Glass Unit.
- * Junction box type and configuration could be adapted for clients request or project needs.

