



PHOTOVOLTAIC GLASS		1550 x 1000		Crystalline	
6" Mono					
Electrical data test conditions (STC)					
Nominal peak power		235	P_{MPP} (Wp)		
Open-circuit voltage		34,02	V_{oc} (V)		
Short-circuit current		9,05	I_{sc} (A)		
Voltage at nominal power		28,35	V_{MPP} (V)		
Current at nominal power		8,28	I_{MPP} (A)		
Power tolerance not to exceed		± 10	%		
STC: 1000 w/m ² , A.M. 1.5 and a cell temperature of 25°C, stabilized module state.					
Mechanical description					
Length		1550	mm		
Width		1000	mm		
Thickness		13,8	mm		
Surface area		1,55	sqm		
Weight		46,50	Kgs		
Cell type		6" Mono	Crystalline		
No PV cells / Transparency degree		54 cells	Transparency 20%		
Front Glass		6 mm	Tempered Glass Low-Iron		
Rear Glass		6 mm	Tempered Glass Low-Iron		
Thickness encapsulation		1,80 mm	EVA Foils		
Category / Color code					
Junction Box					
Protection		IP65			
Wiring Section		2,5 mm ² or 4,0 mm ²			
Limits					
Maximum system voltage		1000	V_{sys} (V)		
Operating module temperature		-40...+85	°C		
Temperature Coefficients					
Temperature Coefficient of P _{MPP}		-0,451	%/°C		
Temperature Coefficient of V _{oc}		-0,361	%/°C		
Temperature Coefficient of I _{sc}		+0,08	%/°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: Technical Guide. 6.-Other Properties.
- * Optional: Insulating Glass Unit. U value (W/sqm.K), please go to: Technical Guide. 7.-Insulating Glass Unit.
- * Junction box type and configuration should be analyzed as per clients request or project needs.