



TECHNICAL DATA - GL.01

PHOTOVOLTAIC GLASS		1245 x 635
GL.01	L	Vision (20%)
Electrical data test conditions (STC)		
Nominal peak power	27	P _{mpp} (Wp)
Open-circuit voltage	50	V _{oc} (V)
Short-circuit current	0,97	I _{sc} (A)
Voltage at nominal power	34	V _{mpp} (V)
Current at nominal power	0,79	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	635	mm
Thickness	9,72	mm
Surface area	0,79	sqm
Weight	16	Kgs
Cell type	α-Si	Thin Film
Transparency degree	L	Vision (20%)
PV Active Glass	3,2 mm	Float Glass
Rear Glass	5 mm	Tempered Glass
Thickness encapsulation	1,52 mm	PVB Foils
Category / Color code	--	
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
Max. Series Fuse	3	A
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



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