

TECHNICAL DATA - GL.01 - C-Si

PHOTOVOLTAIC GLASS 1.178 x 932 6" Mono Crystalline

Electrical data test conditions (STC)	
Nominal peak power	132 P _{max} (Wp)
Open-circuit voltage	19 V _{oc} (V)
Short-circuit current	8,33 I _{sc} (A)
Voltage at nominal power	16 V _{mp} (V)
Current at nominal power	8,39 I _{mp} (A)
Power tolerance not to exceed	±10 %

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

Mechanical description	
Length	1178 mm
Width	932 mm
Thickness	38,56 mm
Surface area	1,10 sqm
Weight	55 Kgs
Cell type	6" Mono Crystalline
No PV cells / Transparency degree	30 37%
Front Glass	Tempered Glass Low-Iron
Rear Glass	Tempered Glass
Gas Spacer	Argon Chamber
Inner Glass	Tempered Glass Low-E
Inner Glass	Tempered Glass
Thickness encapsulation	1,80 mm EVA Fols
Category / Color code	

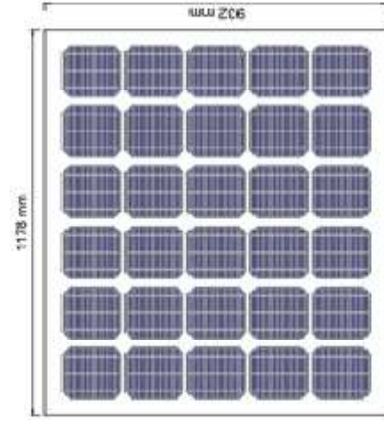
Junction Box	
Protection	IP65
wiring Section	2,5 mm ² or 4,0 mm ²

Limits	
Maximum system voltage	1000 Vsys (V)
Operating module temperature	-40...+85 °C

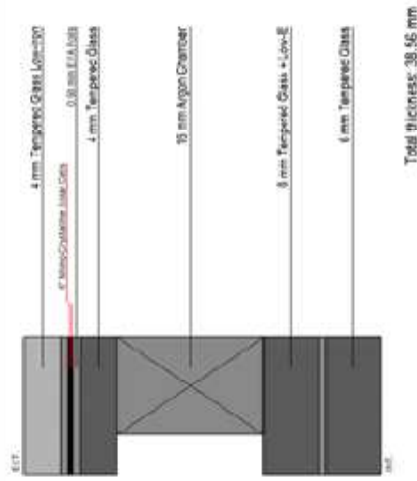
Temperature Coefficients	
Temperature Coefficient of P _{mp}	-0,451 %/°C
Temperature Coefficient of V _{oc}	-0,381 %/°C
Temperature Coefficient of I _{sc}	+0,08 %/°C

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES

Property	Onyx Equivalent Glass
Solar Factor/SHGC	14%
Light Transmission	37%
U-value [W/sqm.K]	1,1
Peak Power [Wp/sqm]	120,6