

Data Sheet

Type

GL.03

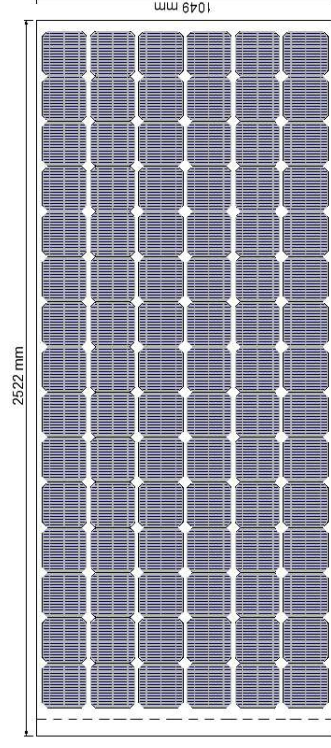
PHOTOVOLTAIC GLASS 2.522 x 1049

6" Mono 3BB Crystalline

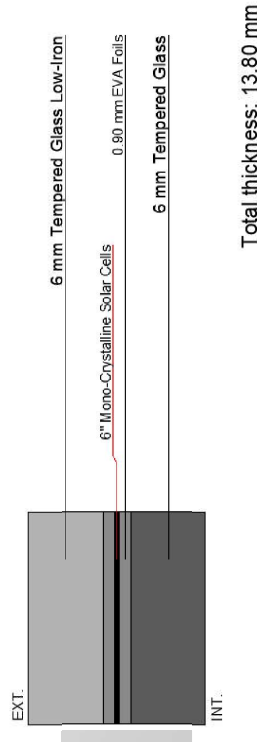
Electrical data test conditions (STC)	
Nominal peak power	414 P _{mpp} (Wp)
Open-circuit voltage	60 V _{oc} (V)
Short-circuit current	8,71 I _{sc} (A)
Voltage at nominal power	50 V _{mpp} (V)
Current at nominal power	8,20 I _{mpp} (A)
Power tolerance not to exceed	±10 %
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.	
Mechanical description	
Length	2522 mm
Width	1049 mm
Thickness	13,8 mm
Surface area	2,65 sqm
Weight	79 Kgs
Cell type	6" Mono 3BB Crystalline
No PV cells / Transparency degree	90 22%
Front Glass	6 mm Tempered Glass Low-Iron
Rear Glass	6 mm Tempered Glass
Thickness encapsulation	1,80 mm EVA Foils
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}	-0,38 %/°C
Temperature Coefficient of V _{oc}	-0,29 %/°C
Temperature Coefficient of I _{sc}	0,04 %/°C

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



GLASS PROPERTIES

Light Transmission	22%
U-value [W/sqm.K]	-
Peak Power [Wp/sqm]	156,5

Onyx Equivalent Glass