



TECHNICAL DATA-STANDARD TYPE 01

AMORPHOUS SILICON TECHNOLOGY

PHOTOVOLTAIC GLASS		636BN-06220317-00-1
622 X 317 mm		Dark Clear-0%
Electrical data test conditions (STC)		
Nominal peak power	12	P _{mpp} (Wp)
Open-circuit voltage	24	V _{oc} (V)
Short-circuit current	0,7	I _{sc} (A)
Voltage at nominal power	18	V _{mpp} (V)
Current at nominal power	0,7	I _{mpp} (A)
Power tolerance not to exceed	±5	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	622	mm
Width	317	mm
Thickness	1,6,72	mm
Surface area	0,20	sqm
Weight	7,49	Kgs
Cell type	α-Si	Thin Film
Transparency degree	Dark	Clear-0%
Front Glass	6 mm	Tempered Glass
PV Active Glass	3,2 mm	Float Glass
Rear Glass	6 mm	Tempered Glass
Thickness encapsulation	1,52 mm	PVB 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}	-0,19	%/°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

smart solar solutions for buildings

ONYX SOLAR ENERGY S.L.
 SPAIN (Ávila)
 C/ Río Cea 1, 46 • 05004
 Phone: +34 920 21 00 50 • Fax
 info@onyxsolar.com • www.onyxsolar.com

ONYX SOLAR GROUP, LLC.
 UNITED STATES (New York)
 1123 Broadway, Suite 908 • New York, NY 10010
 Phone: +1 917 261 4783
 usa@onyxsolar.com • www.onyxsolar.com