



TYPE 1		1209 x 2529	
		M Clear-20%	
Electrical data test conditions (STC)			
Nominal peak power	118	P_{mpp} (Wp)	
Open-circuit voltage	185.00	V_{oc} (V)	
Short-circuit current	0.95	I_{sc} (A)	
Voltage at nominal power	140.00	V_{mpp} (V)	
Current at nominal power	0.84	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	1209 mm	(3' - 11 19/32")	
Width	2529 mm	(8' - 3 9/16")	
Thickness	16.72 mm	(21/32")	
Surface area	3.06 sqm	32.94 sqf	
Weight	116.19 Kg	256.15 lb	
Cell type	a-Si	Thin Film	
Transparency degree	M	Clear-20%	
Front Glass	6 mm (15/64")	Tempered Glass	
PV Active Glass	3,2 mm (1/8")	Float Glass	
Rear Glass	6 mm (15/64")	Tempered Glass	
Gas Spacer	0	0	
Inner Glass	0	0	
Inner Glass	0	0	
Thickness encapsulation	1.52 mm (1/16")	PVB Foils	
Category / Color code			
Junction Box			
Protection	IP65		
Wiring Section	2,5 mm ² or 4,0 mm ²		
Limits			
Maximum system voltage	600	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

