



Specification Home Energy Solar Module

Type: HE SP 175

Home Energy International



Specification for Mono-Crystal PV Module (HE SP 175)

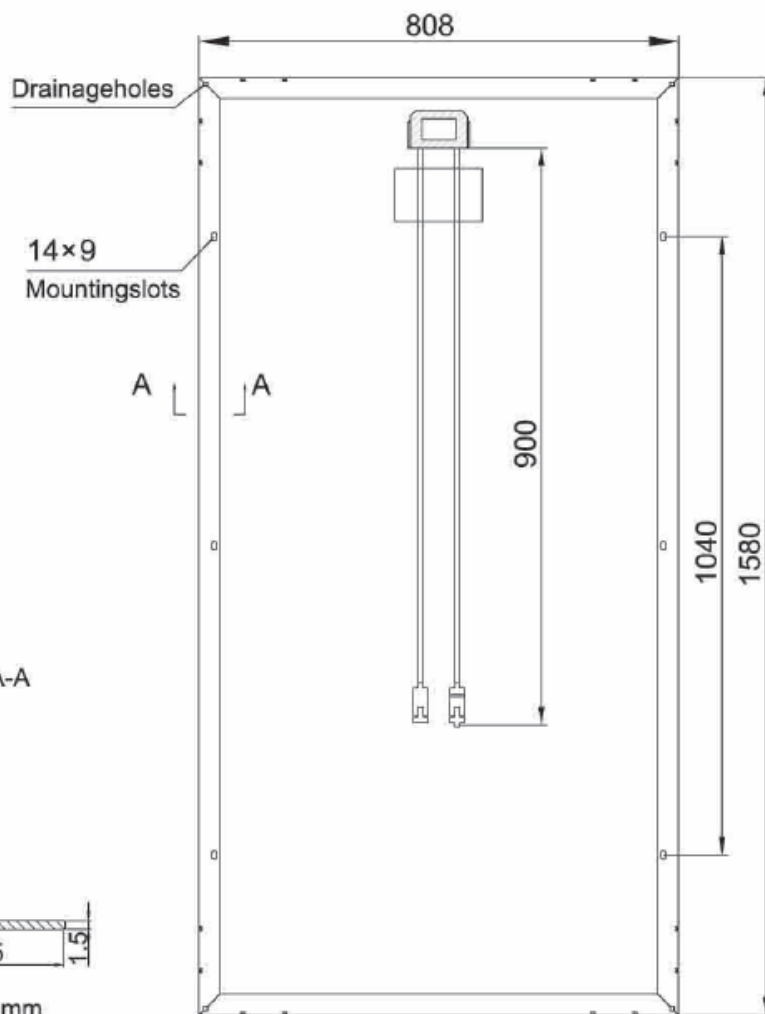
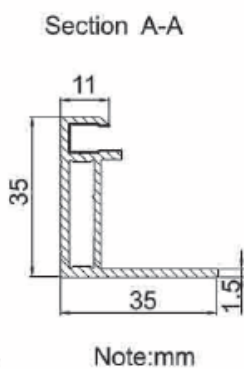
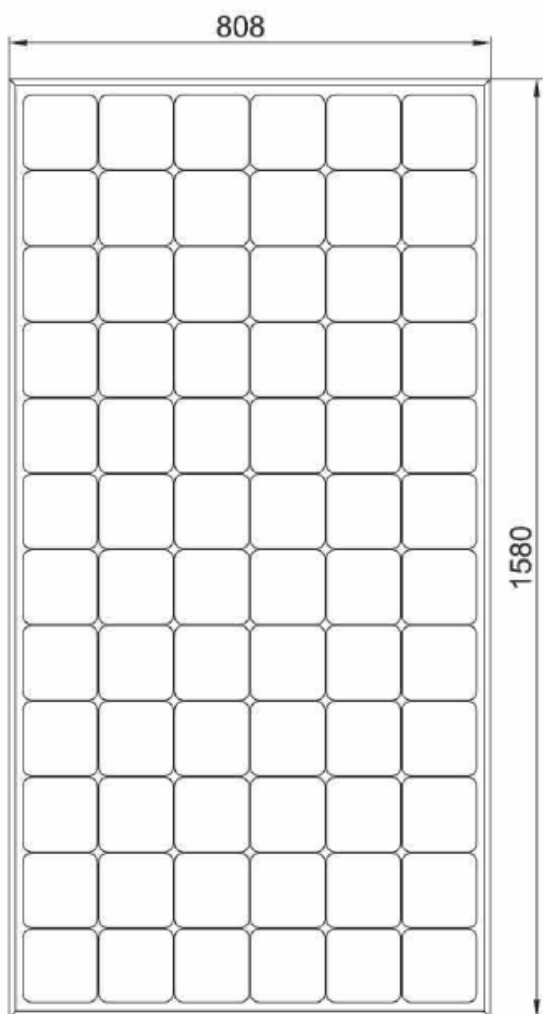
Tested under Standard Conditions (STC = 1000 w/m² irradiance, 25°C module temperature; AM1.5)

Type	HE SP 175	
Peak Power	175	W
Open Circuit Voltage (V _{oc})	43.80	V
Short Circuit Current (I _{sc})	5.21	A
Max. Power Voltage (V _{mp})	35.80	V
Max. Power Current (I _{mp})	4.91	A
Maximum System Voltage	1000	V
Working temperature	-40 –85	°C
Dimension l x w x h	1580 x 808 x 35	mm
Net Weight	15	kg

Temperature and coefficients		
NOCT	48 ± 2	°C
Current coefficient TK	0.10%	/ °C
Voltage coefficient TK	-0.37%	/ °C
Power coefficient TK	-0.45%	/ °C

Type of solar cells	Monocrystalline	
Solar cell dimensions	125 x 125	mm
Number of cells	72 (6 x 12)	

Product Drawing



Current versus Voltage curves

