

Specification for Solar Module

Model: XHH160-24M

Home Energy Americas

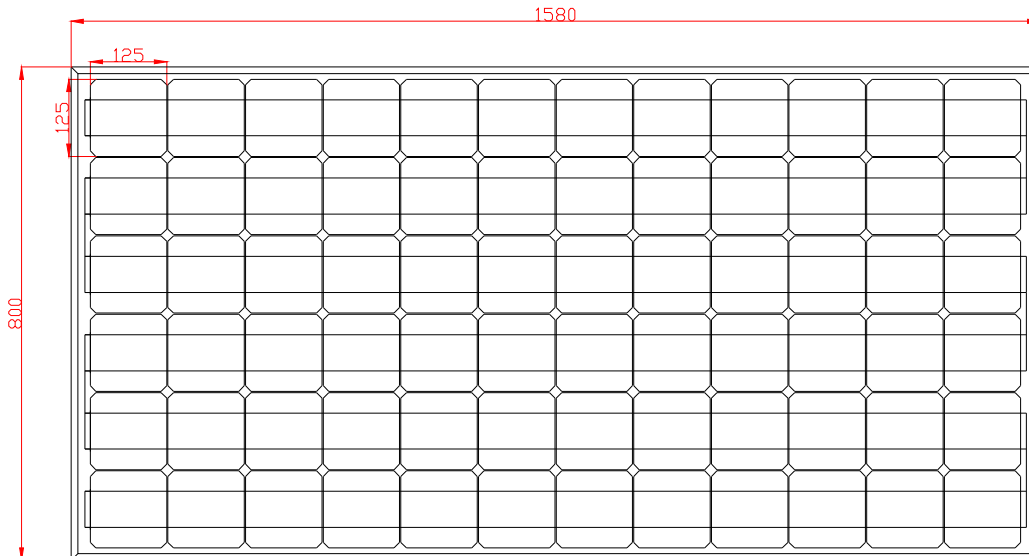
Specification for Mono-Crystal PV Module

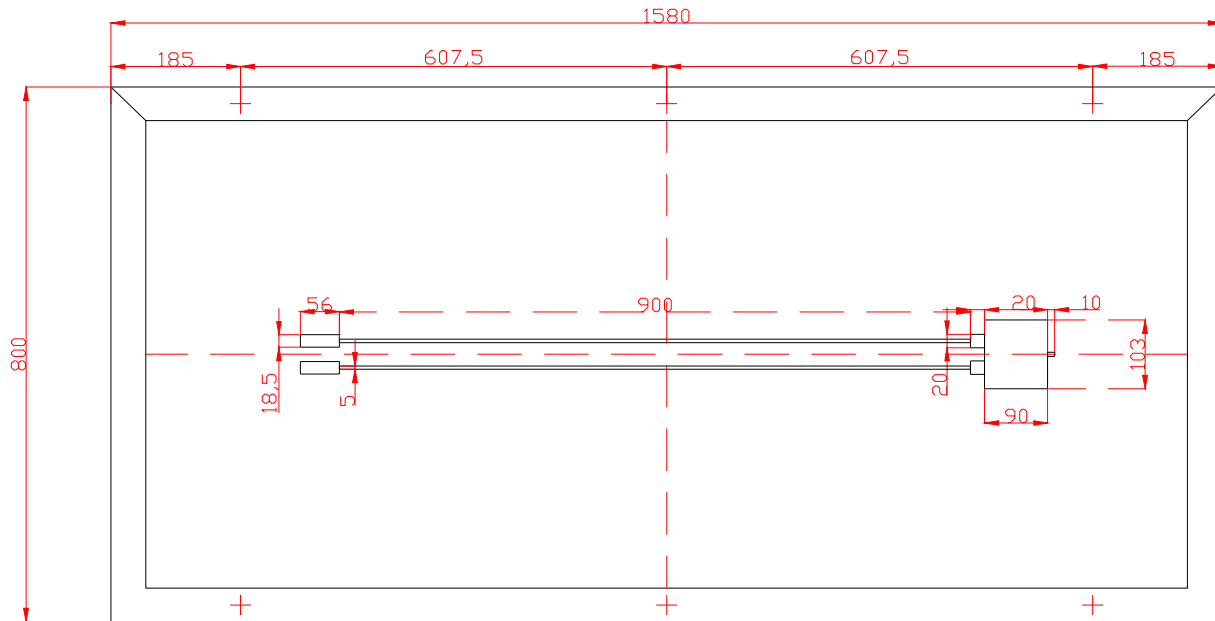
1. Technical Data

Table 1: Main Technical and Configuration Data

Type		XHH160-24M
Peak Power(W)		160
Open Circuit Voltage (V)		42.48 ± 1
Short Circuit Current (A)		4.98 ± 0.2
Max. Power Voltage (V)		34.90 ± 1
Max. Power Current (A)		4.57 ± 0.25
Max. Rated System Voltage (V)		1000
Working Temperature		$-40^{\circ}\text{C} \cdot \cdot 90^{\circ}\text{C}$
Dimension (mm) A × B × C		1580 × 800 × 50
Installations Hole	D1 (mm)	-----
	D2 (mm)	-----
	D3 (mm)	-----
	Diameter	-----
Net Weight (kg)		16

2. Product Drawing:





3.Statement of Raw Material

Table 2 Statement of Raw Material for the Module

No.	Item	Specification	Quantity	Unit	Material	Remark
1	Silicon Solar Cell	125 × 125	72	sheet	Mono-crystalline	
2	EVA	1580 × 800	2	sheet		
3	Back Film	1580 × 800	1	sheet	TPT	
4	Front Surface Glass	1580 × 800 × 3.2	1	piece	Low iron tempered surface textured	
5	Cable	4mm ² Double layer isolated cable	1	piece	Anti-UV	“Positive” 0.9M (Black) “Negative”0.9M (Black)
6	Plug	40A	1	pair	Anti-UV	
7	Junction		1	set	PPO	Hermetically sealed
8	By-pass Diode	10A10	3	piece		
9	Frame	50mm	1	set	6061A1 Alloy	aluminum

TEST CONDITION: AM1.5 25°C 1000W/m²