

# SDM-230/X-60P

200W, 210W, 220W, 230W, 240W

Poly-crystalline Silicon Solar Module



Mechanical Data	
Cells:	Poly-crystalline 156×156mm (6")
No. of cells:	60Pcs (6×10)
Dimensions	1640(L)×992(W)×46(H)mm
Weight:	20kg
Front Glass:	3.2mm Tempered glass
EVA:	EVA
Backsheet:	TPT/TPE
Frame:	Anodized aluminium alloy
Junction Box:	IP65 Rated With bypass diodes
Cable:	900mm/900mm(Φ4mm <sup>2</sup> )
Connection:	Same as MC Plug Type IV



## Shunda Global

Jiangsu Shunda PV-Tech Co., Ltd

### Shunda Brief

- Shunda Global Corporation is a leading manufacturer of high quality solar products including polycrystalline ingots, wafer, standard PV modules, and specialty panels for solar applications.
- Shunda Global is selectively vertically integrated from ingot, wafer, module production, to system installation, planning to become one of the most outstanding PV companies in the world.



Electrical Data					
P <sub>max</sub>	200W	210W	220W	230W	240W
V <sub>mp</sub>	28.8V	29.4V	29.8V	30.2V	30.6V
I <sub>mp</sub>	6.94A	7.14A	7.38A	7.62A	7.84A
V <sub>oc</sub>	36V	36.4V	36.8V	37.2V	37.6V
I <sub>sc</sub>	7.75A	7.86A	8.00A	8.18A	8.38A
Max system voltage	DC1000V(TUV) DC600V(UL)				
STC	Standard test conditions: irradiance: 1000W/ m <sup>2</sup> AM: 1.5 temperature: 25℃				



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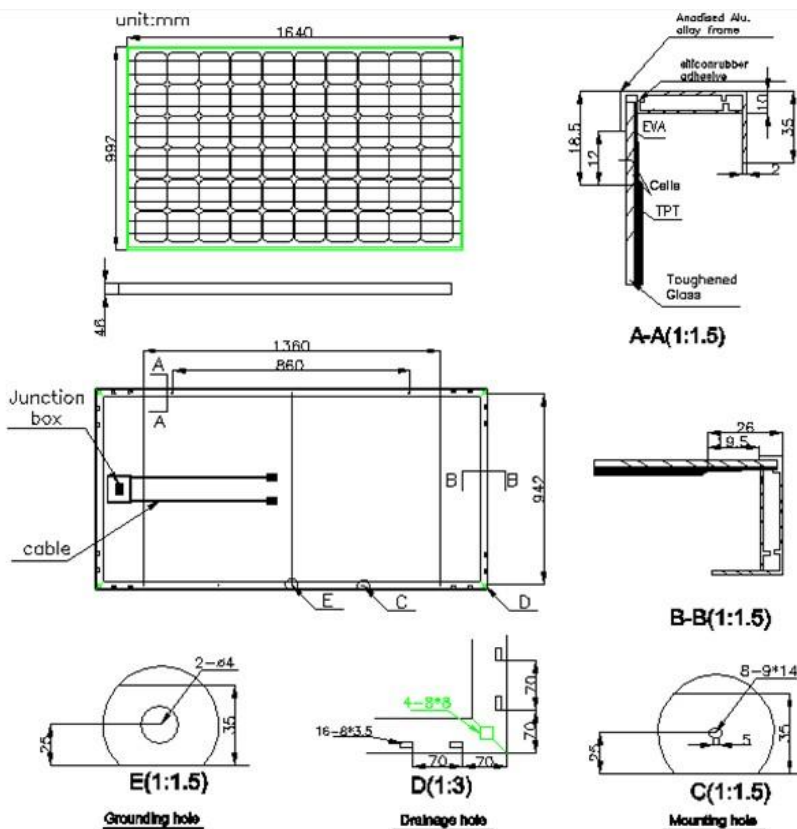
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Temperature coefficients	
Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of ISC (α)	0.038%/°C
Temperature Coefficient of VOC (β)	-0.34%/°C
Temperature Coefficient of Pmax	-0.48%/°C

Permissible Operating Conditions	
Operating temperature:	-40°C to +85°C
Maximum Hail diameter 80km/h:	up to 25mm
Maximum loading capacity:	200kg/m <sup>2</sup> (2400Pa)
Continuous wind pressure:	130km/h (60m/s)

## Features:

1. High-efficient solar cells construction.
2. Nominal 24 V DC for standard output.
3. Nonleaded and tin-coated ribbon and washing-free soldering flux.
4. High transmissivity low-iron 3.2mm tempered glass.
5. Light anodized aluminum frame ensure that problems of water freezing and warping do not occur.
6. TUV certified junction box.
7. Automatic lamination technology.



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