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# **EnergyPal**

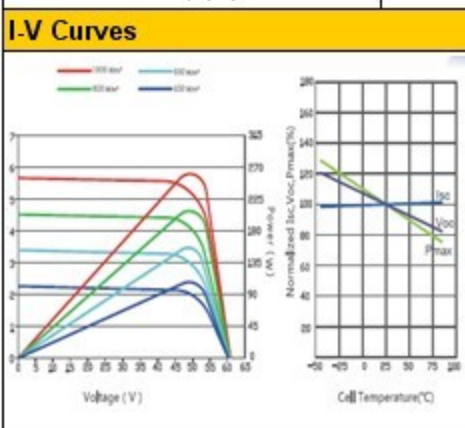
## **Solar Panel Guide Specification Data Sheet**

**Zhejiang Sidite New Energy Co., Ltd.  
Mono 235-265  
M235**

Also available on the web at  
[EnergyPal.com/zhejiang-sidite-new-energy-co-ltd-solar-panels/m235](http://EnergyPal.com/zhejiang-sidite-new-energy-co-ltd-solar-panels/m235)



Technical parameter(with tolerance +/-3%)								
Maximum Power(W)	235Wp	240Wp	245Wp	250Wp	255Wp	260Wp	265Wp	
Optimum Power Voltage(Vmp)	48.8V	49V	49.1V	49.72V	49.82V	49.82V	49.92V	
Optimum Operating Current(Imp)	4.81A	4.89A	4.99A	5.03A	5.12A	5.22A	5.31A	
Open Circuit Voltage(Voc)	59.2V	59.5V	59.7V	60.63V	60.76V	60.76V	60.88V	
Short Circuit Current(Isc)	5.27A	5.35A	5.5A	5.53A	5.62A	5.73A	5.83A	
Cell Efficiency (%)	15.7%	16.0%	16.3%	16.7%	17.0%	17.3%	17.7%	
Module Efficiency (%)	14.0%	14.3%	14.6%	14.9%	15.2%	15.5%	15.8%	



Mechanical Characteristics	
Cell Type	Monocrystalline 125x125mm (5 inch)
No of Cell	96(8x12)
Dimensions	1580*1062*50mm
Weight	20.5kg
Front Glass	3.2mm,High Transmission, Low Iron, Tempered Glas
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output Cable	TUV 1x4.0mm2/UL12AWG,Length:900mm

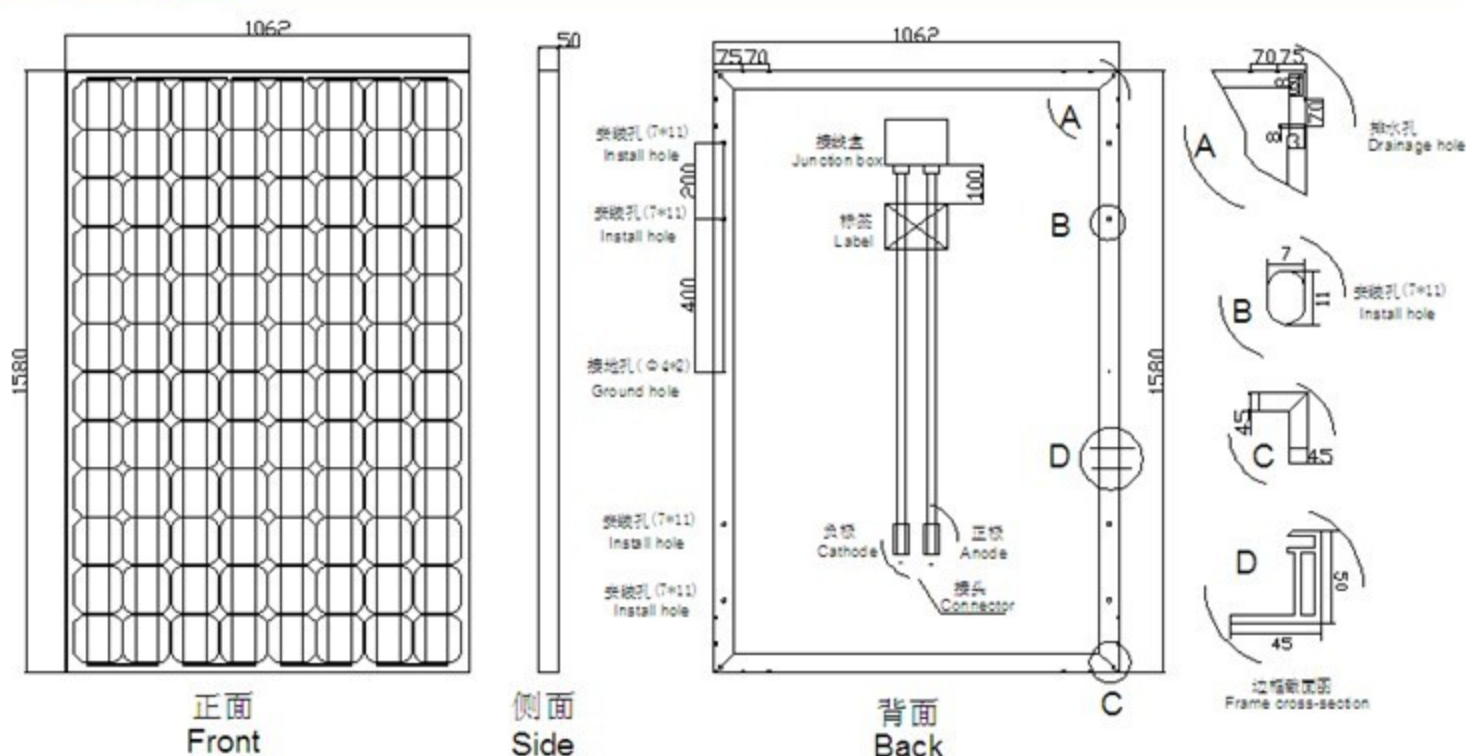
### Packaging Configuration

Quantity/Pallet;	Quantity/40' HQ container	20pcs/pallet,	560pcs/40'HQ
Quantity/Pallet;	Quantity/20' GP container	18pcs/pallet,10pcs/pallet	226pcs/20'GP

### Temperature and Coefficients

Operating Temperature(°C):	-40°C ~ + 85°C
Maximum System Voltage:	600V(UL)/1000V(IEC) DC
Maximum Rated Current Series:	10A
Temperature Coefficients of Pmax:	-0.435%
Temperature Coefficients of Voc:	-0.35%
Temperature Coefficients of Isc:	0.043%
Nominal Operating Cell Temperature (NOCT):	47+/-2°C

### Panel Drawing Map



### Quality guarantee

- 1) Industry leading power output warranty(10 years/90%,25years/80%)
- 2) 5-year warranty on product-materials and processing technology
- 3) ISO9001:2000(Quality System Management) certified factory