

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

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

**Xiamen Sun Plus New Energy Technology Co., Ltd.**

**SPC-PP265W**

**SPC-PP280W**

Also available on the web at

[EnergyPal.com/xiamen-sun-plus-new-energy-technology-co-ltd-solar-panels/spc-pp280w](http://EnergyPal.com/xiamen-sun-plus-new-energy-technology-co-ltd-solar-panels/spc-pp280w)



## XIAMEN SUN PLUS NEW ENERGY TECHNOLOGY CO.,LTD.

Add:Room 419,Hi-tech Torch Building,No.3699, Xiangan North Road, Xiangan District,Xiamen,China

### Technical Data for On Solar panel

#### SPC-PP 265W-285W

Multicrystalline solar panels

Poly panel with 5BB

Ploy solar panel power 265W,270W,275W,280W,285W

#### PRODUCT OVERVIEW

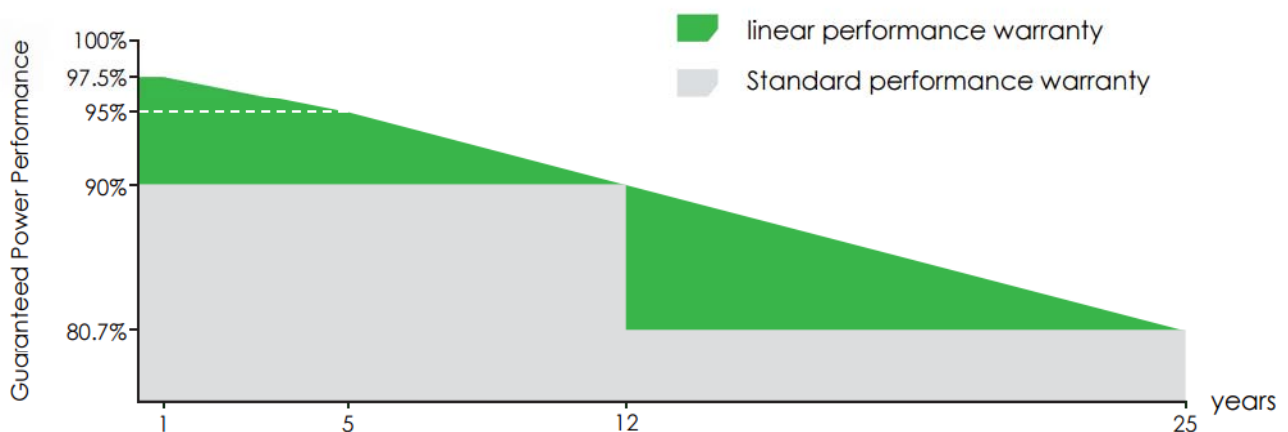
Sun Plus' s modules are optimally manufactured and adjusted to meet the needs of the current market; scientifically designed module dimension makes the installation simple and easy.Our continuous efforts in quality assurance system and certifications the international authentication institutions of our products demonstrate commitment to product quality and customer requirements.

#### MODULE CHARACTERISTICS

1. High efficiency crystalline silicon solar cells.
2. High transmission low iron tempered glass, strong mechanical resistance.
3. Standard waterproof junction box, with bypass diode.
4. High endurance to different atrocious weather.

#### LINEAR PERFORMANCE WARRANTY

##### 10 Year Product Warranty • 25 Year Linear Power Warranty



## ELECTRICAL PARAMETERS

TYPE	SPC-PP265W	SPC-PP270W	SPC-PP275W	SPC-PP280W	SPC-PP285W
Rated Maximum Power at STC(w)	265	270	275	280	285
Open Circuit Voltage(Voc/V)	38.2	38.3	38.5	38.8	39.1
Maximum Power Voltage(Vmp/V)	30.7	31.0	31.3	31.5	31.8
Short Circuit Current(Isc/A)	9.14	9.18	9.21	9.26	9.31
Maximum Power Current(Imp/A)	8.64	8.71	8.80	8.89	8.97
Module Efficiency(nm/%)	16.29	16.60	16.90	17.21	17.52
Power Tolerance	0~ +3%				
$\alpha$ Isc	+0.04%/°C				
$\beta$ Voc	- 0.30%/°C				
$\gamma$ Pmp	- 0.40%/°C				
STC	AM1.5、1000W/m <sup>2</sup> 、25°C				

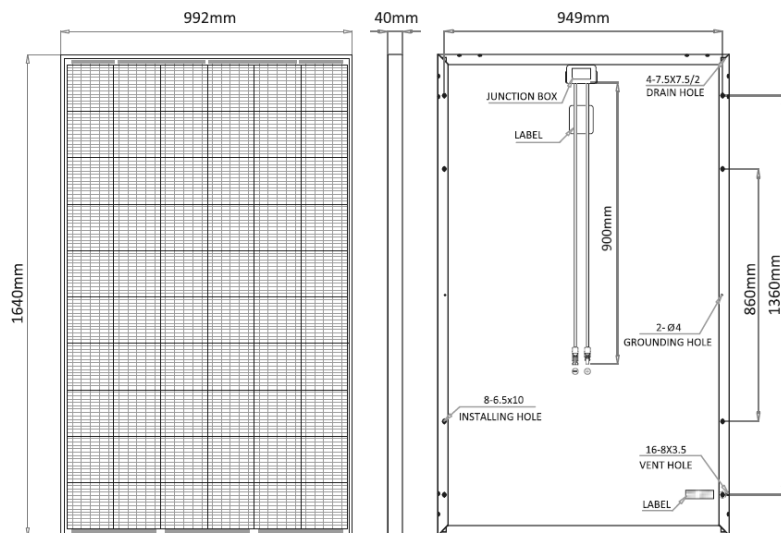
## MECHANICALPARAMETERS

Cell(mm)	Poly156x156
Weight(kg)	19
Dimensions(L*W*H)(mm)	1640x992x40
Cable Length(mm)	≥900
Cable cross section size(mm <sup>2</sup> )	4
No. of cells and connections	60(10x6)
No. of diodes	3
Packing configuration	30pcs/carton

## WORKING CONDITIONS

Maximum System Voltage	DC 1000V(TUV)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse(A)	20
Static loading	5400Pa
Grounding conductivity	<0.1Ω
NOCT	47±2°C
Application Class	Class A
Insulation Resistance	≥100MΩ

## MOUNTING DRAWINGS



## I-V CURVES

