

Poly-crystalline

STP6(DG)-XXX/72 Double Glass

300W/310W/320W/330W/340W

12
Years

Guarantee on product material and workmanship

25
Years

Linear power output warranty



High conversion efficiency

High module efficiency to guarantee power output.



Easy Installation and Handling

For various applications



Outstanding low irradiation performance

Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability

2400Pa wind loads, 5400Pa snow loads.



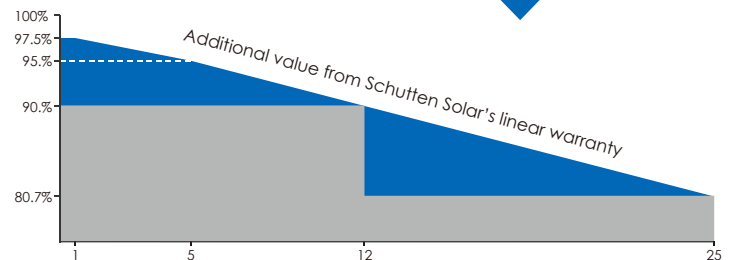
0 ~ +5W positive tolerance

Detailed information in Electrical Specifications



Durability against extreme environmental

High salt mist and ammonia resistance certified by TUV NORD



Anhui Schutten Solar Energy CO.,Ltd. known as "Schutten Solar", is one of the world's leading solar panel manufacturers. Our Slogan is "Blue Sky · Green Life". Deploying more than 2GW solar panels worldwide.



Electrical Characteristics

Module Type	STP6(DG)-300/72	STP6(DG)-310/72	STP6(DG)-320/72	STP6(DG)-330/72	STP6(DG)-340/72
Maximum Power (Pmax)	300Wp	320Wp	325Wp	330Wp	340Wp
Maximum Power Voltage (Vmp)	36.72V	37.55V	37.85V	38.16V	38.25V
Maximum Power Current (Imp)	8.17A	8.26A	8.46A	8.65A	8.89A
Open-circuit Voltage (Voc)	45.17V	46.19V	46.56V	46.94V	47.02V
Short-circuit Current (Isc)	8.74A	8.84A	9.05A	9.25A	9.31A
Module Efficiency STC (%)	15.48%	15.99%	16.49%	17.01%	17.52%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W

STC :  Irradiance 1000W/m²

 Cell Temperature 25°C

 AM=1.5

Mechanical Characteristics

Cell Type	Poly-crystalline 156.75×156.75mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1968×992×6mm (77.48×39.05×0.24 inch)
Weight	28.0 kg (61.7 lbs.)
Front Glass	2.5mm
Back Glass	2.5mm
Junction Box	IP67 Rated
Output Cables	4.0mm, Length: 1200mm
Connector	MC4 Compatible
Hailstone Impact Test	80Km/h for 25mm ice ball

Thermal Characteristics

Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Temperature Coefficients of Pmax	-0.40% / °C
Temperature Coefficients of Voc	-0.31% / °C
Temperature Coefficients of Isc	+0.06% / °C

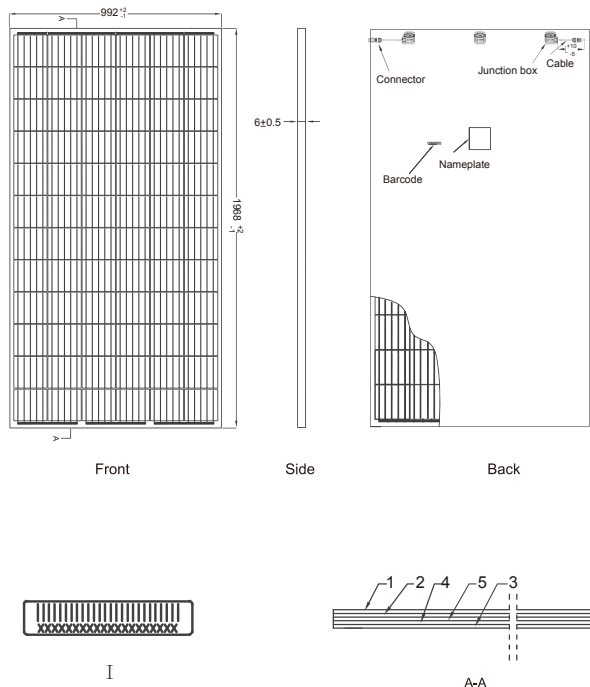
Packaging Configuration

Container	40'HQ	Operating Temperature	-40°C~+85°C
Pieces Per Pallet	30	Maximum System Voltage	1000VDC (IEC)
Pallets Per Container	22	Maximum System Voltage	1500VDC (IEC)
Pieces Per Container	660	Maximum Series Fuse Rating	15A

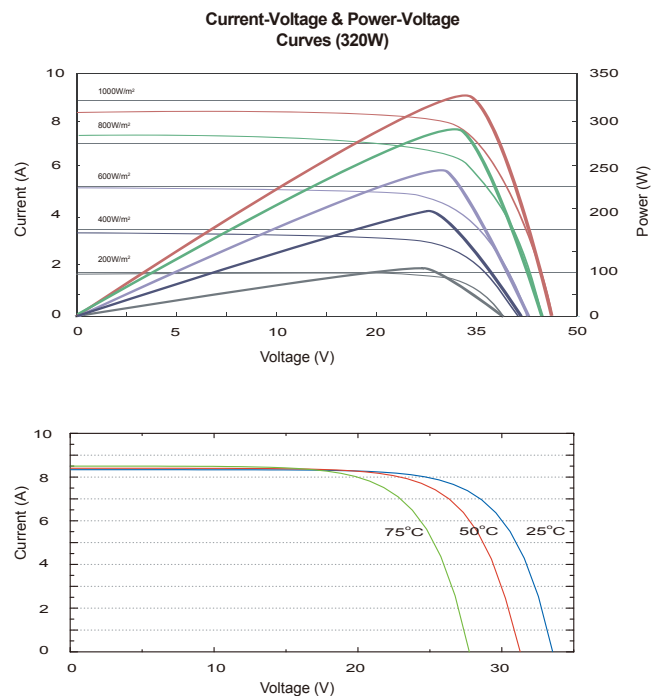
Maximum Ratings

Engineering Drawings

*All dimensions in mm(inch)



I-V Curves



Warning :
Read the installation and user manual in its entirety before handling, installing, and operating Schutten solar modules.

Schutten Partners :