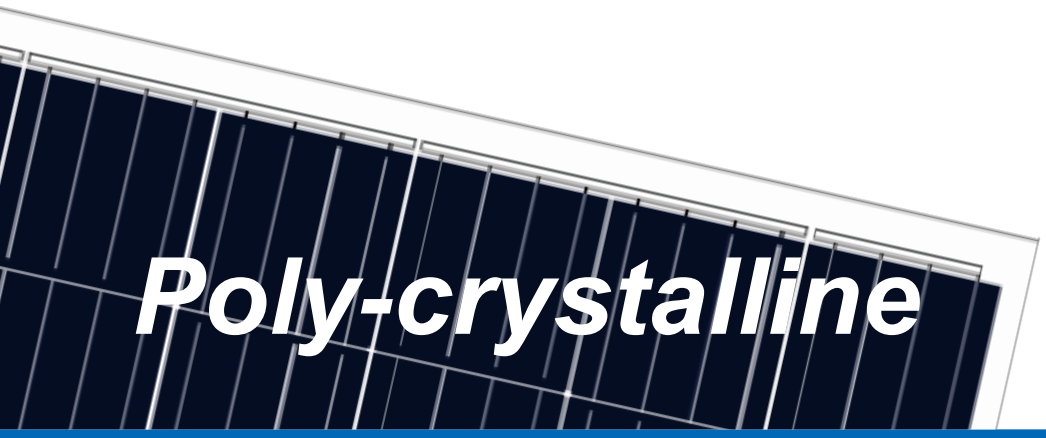


Poly-crystalline

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.

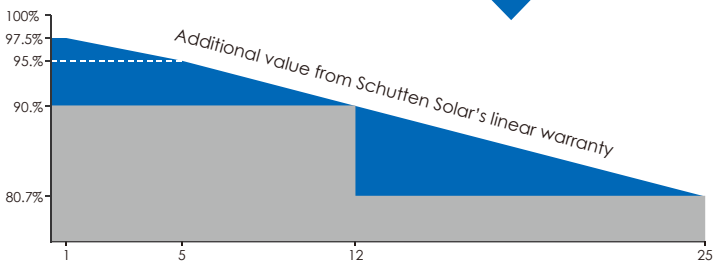
Easy Installation and Handing
For various applications

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.

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STP6(DG)-XXX/72 Series_rev2018.8

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 ℃
Temperature Coefficients of Pmax	-0.40% / ℃
Temperature Coefficients of Voc	-0.31% / ℃
Temperature Coefficients of Isc	+0.06% / ℃

Packaging Configuration

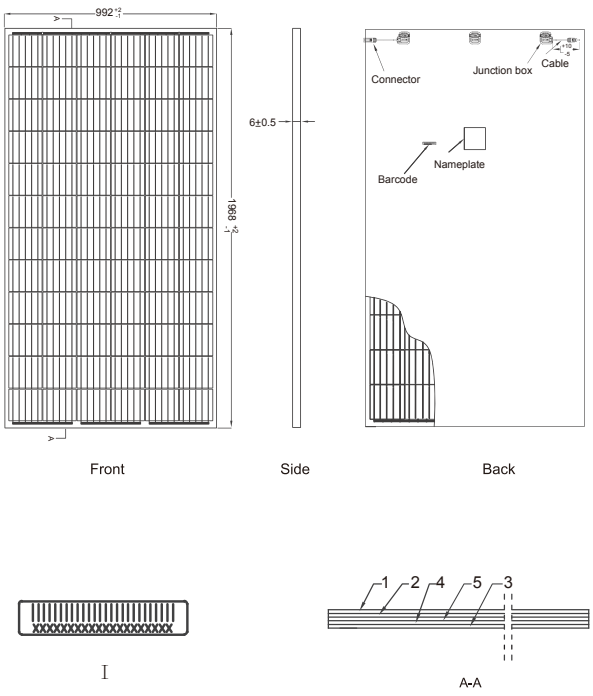
Container	40'HQ
Pieces Per Pallet	30
Pallets Per Container	22
Pieces Per Container	660

Maximum Ratings

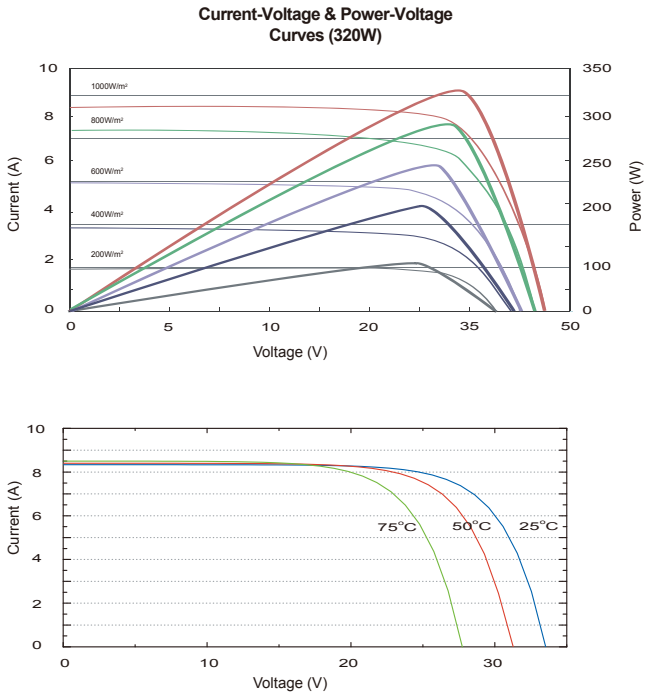
Operating Temperature	-40℃~+85℃
Maximum System Voltage	1000VDC (IEC)
Maximum System Voltage	1500VDC (IEC)
Maximum Series Fuse Rating	15A

Engineering Drawings

*All dimensions in mm(inch)



I-V Curves



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

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