

# Poly-crystalline

## STP6-XXX/72 Series

310W/320W/325W/330W/335W/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.



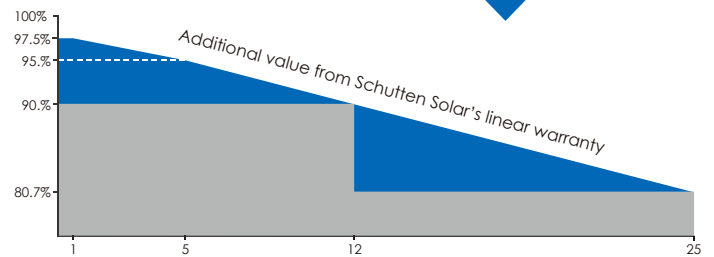
**Excellent loading capability**  
2400Pa wind loads, 5400Pa snow loads.



**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.



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STP6-XXX/72 Series\_rev2018.8



## Electrical Characteristics

Module Type	STP6-310/72	STP6-320/72	STP6-325/72	STP6-330/72	STP6-335 72	STP6-340/72
Maximum Power (Pmax)	310Wp	320Wp	325Wp	330Wp	335Wp	340Wp
Maximum Power Voltage (Vmp)	36.91V	37.70V	38.02V	38.38V	38.78V	38.55V
Maximum Power Current (Imp)	8.40A	8.49A	8.55A	8.60A	8.64A	8.82A
Open-circuit Voltage (Voc)	45.69V	46.06V	46.15V	46.42V	46.60V	46.62V
Short-circuit Current (Isc)	9.09A	9.19A	9.24A	9.29A	9.33A	9.41A
Module Efficiency STC (%)	15.98%	16.49%	16.75%	17.01%	17.26%	17.52%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W

STC: Irradiance 1000W/m<sup>2</sup> 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	1956×992×40mm (77.00×39.05×1.57 inch)
Weight	21.0 kg (46.3 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, ARC Tempered Glass
Frame	Anodized Aluminium Alloy
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

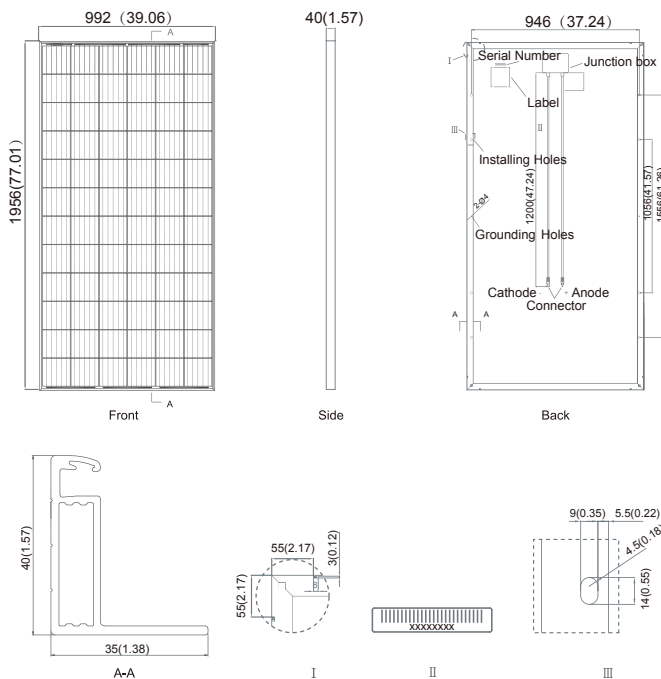
## Packaging Configuration

Container	20'GP	40'HQ	Operating Temperature	-40°C~+85°C
Pieces Per Pallet	27	27 / 5	Maximum System Voltage	1500VDC (IEC)
Pallets Per Container	10	24 / 12	Maximum System Voltage	1500VDC (BIS)
Pieces Per Container	270	708	Maximum Series Fuse Rating	15A

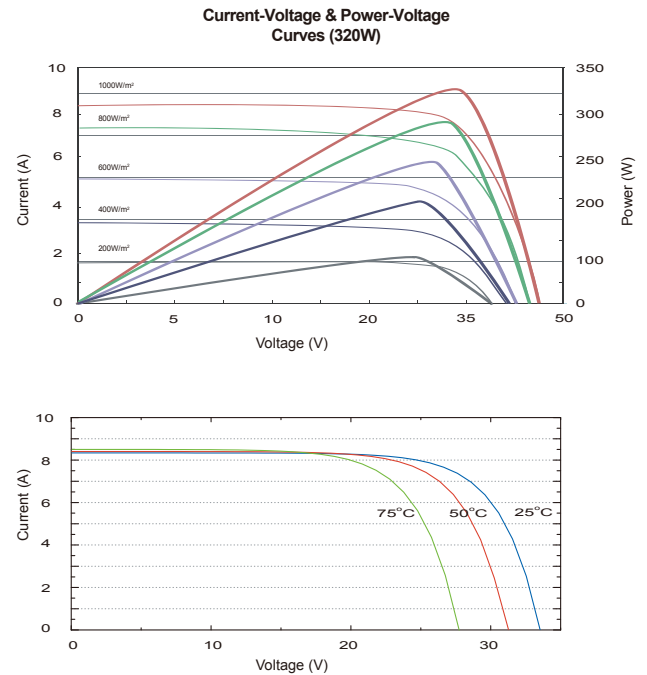
## Maximum Ratings

## 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 :