

Poly-crystalline

STP6-XXX/72 Series

300W/310W/320W/325W/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.



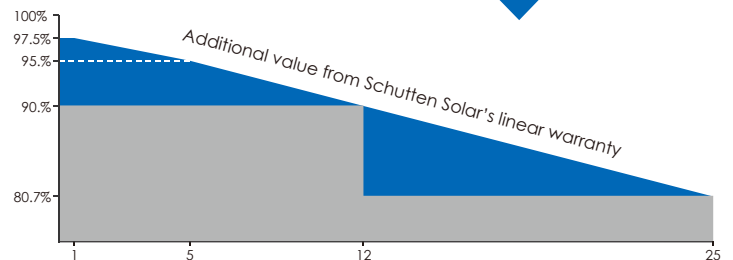
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



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	STP6-300/72	STP6-310/72	STP6-320/72	STP6-325/72	STP6-330/72	STP6-340/72
Maximum Power (Pmax)	300Wp	310Wp	320Wp	325Wp	330Wp	340Wp
Maximum Power Voltage (Vmp)	36.10V	36.91V	37.40V	37.60V	37.80V	38.20V
Maximum Power Current (Imp)	8.32A	8.40A	8.56A	8.66A	8.74A	8.91A
Open-circuit Voltage (Voc)	45.25V	45.69V	46.40V	46.70V	46.90V	47.50V
Short-circuit Current (Isc)	8.74A	8.80A	9.05A	9.10A	9.14A	9.22A
Module Efficiency STC (%)	15.48%	15.98%	16.49%	16.75%	17.01%	17.52%
Power Tolerance	0~+5W	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	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

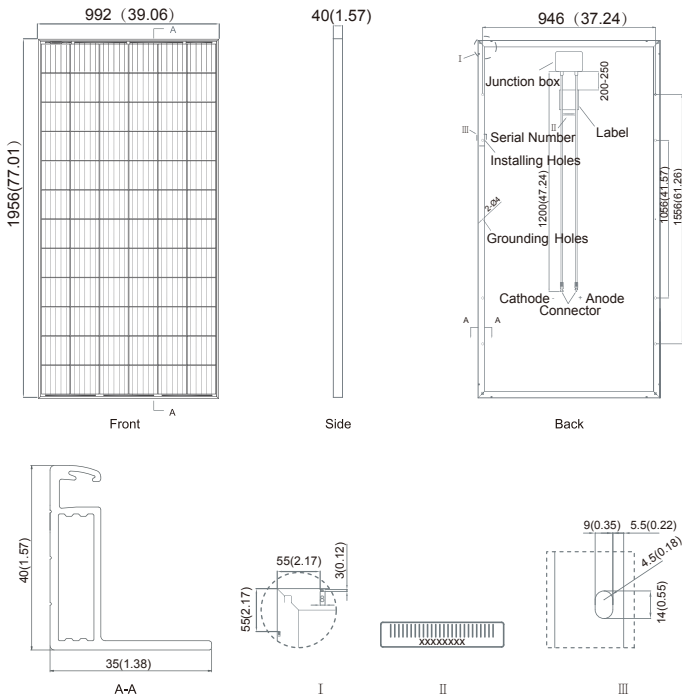
Packaging Configuration

Container	20'GP	40'HQ	Operating Temperature	-40°C~+85°C
Pieces Per Pallet	26 / 22 / 16	26 / 5	Maximum System Voltage	1000VDC (IEC)
Pallets Per Container	5 / 5 / 1	24 / 12	Maximum System Voltage	1500VDC (IEC)
Pieces Per Container	256	684	Maximum Series Fuse Rating	15A

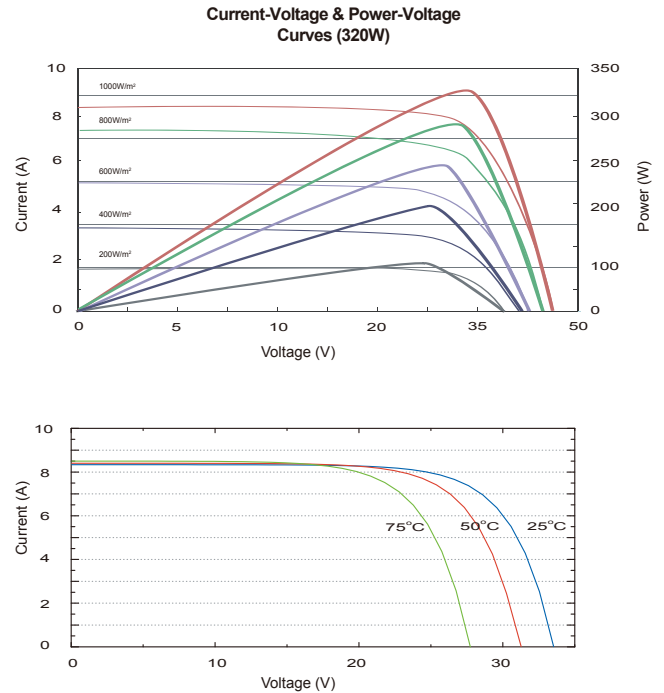
Maximum Ratings

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 :