

## STP6-XXX/72 Series

STP6-310W, STP6-315W, STP6-320W, STP6-325W, STP6-330W



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 to +5W positive tolerance  
Detailed information in Electrical Specifications



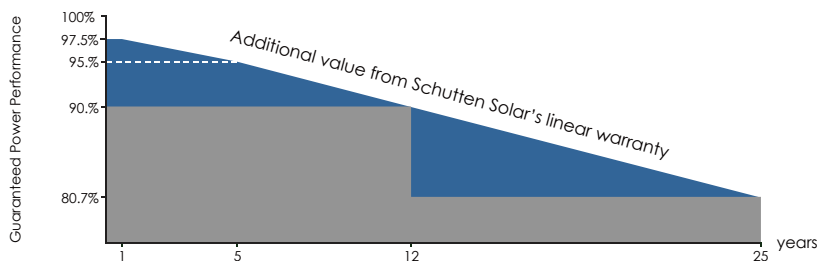
Durability against extreme environmental  
High salt mist and ammonia resistance  
certified by TUV NORD



### 4 Busbar Solar Cell:

adopts new technology to improve the efficiency of modules , offers a better aesthetic appearance, perfect for rooftop installation.

## LINEAR PERFORMANCE WARRANTY



**12 YEARS**

Guarantee on product material and workmanship

**25 YEARS**

Linear power output warranty

## CERTIFICATES



## INSURANCE



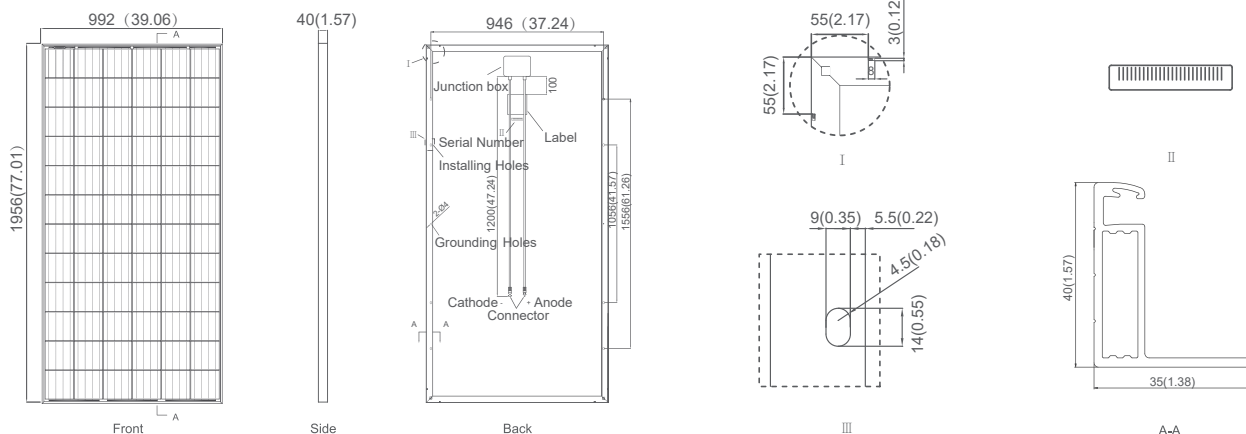
# Electrical Characteristics

Module Type	STP6-310/72	STP6-315/72	STP6-320/72	STP6-325/72	STP6-330/72
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	310Wp	315Wp	320Wp	325Wp	330Wp
Maximum Power Voltage (Vmp)	37.55V	37.68V	37.85V	38.02V	38.16V
Maximum Power Current (Imp)	8.26A	8.36A	8.46A	8.55A	8.65A
Open-circuit Voltage (Voc)	46.19V	46.35V	46.56V	46.76V	46.94V
Short-circuit Current (Isc)	8.84A	8.95A	9.05A	9.15A	9.25A
Module Efficiency STC (%)	16.14%	16.40%	16.66%	16.92%	17.18%
Operating Temperature(°C)	-40°C~+85°C			Temperature coefficients of Pmax	-0.41%/°C
Maximum system voltage	1000VDC (IEC)			Temperature coefficients of Voc	-0.33%/°C
Maximum series fuse rating	15A			Temperature coefficients of Isc	+0.03%/°C
Power tolerance	(0, +5)			Nominal operating cell temperature (NOCT)	45±2°C

STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C AM=1.5

## Engineering Drawings

\*All dimensions in mm(inch)



## Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.05×1.57 inch)
Weight	24.5 kg (54.0 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	4.0mm, Length: 1200mm
Connector	MC4 Compatible
Maximum Snow Load	550Kg/m <sup>2</sup>
Maximum Wind Load	200Km/h
Hailstone Impact Test	80Km/h for 25mm ice ball

## Packaging Configuration

Container	20' GP	40' HQ
Pieces Per Pallet	26 / 22 / 16	26 / 4
Pallets Per Container	5 / 5 / 1	24 / 12
Pieces Per Container	256	672

## Current-Voltage & Power-Voltage Curve

