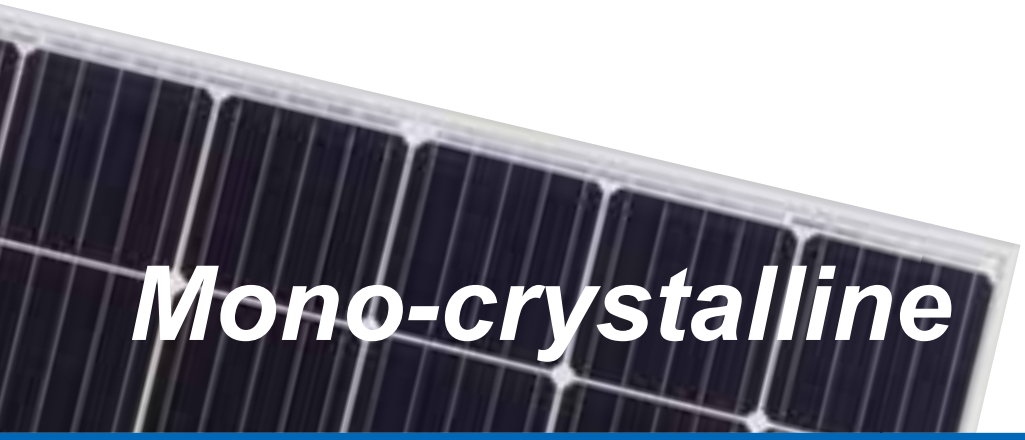


Mono-crystalline

STM6-PERC-XXX/72 Series

360W/365W/370W/375W/380W

12 Years
Guarantee on product material and workmanship

25 Years
Linear power output warranty

High conversion efficiency
High module efficiency to guarantee power output.

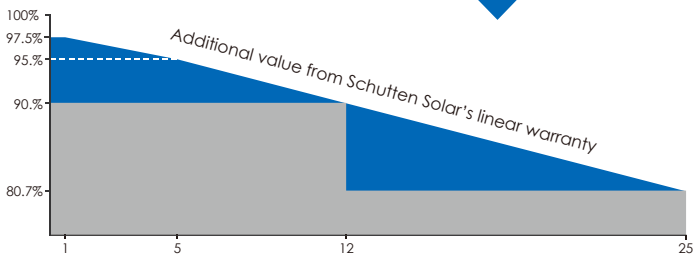
Easy Installation and Handing
For various applications

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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STM6-XXX/72 Series_rev2018.8

Electrical Characteristics

Module Type	STM6-360/72	STM6-365/72	STM6-370/72	STM6-375/72	STM6-380/72
Maximum Power (Pmax)	360Wp	365Wp	370Wp	375Wp	380Wp
Maximum Power Voltage (Vmp)	39.35V	39.46V	39.56V	39.75V	39.82V
Maximum Power Current (Imp)	9.15A	9.25A	9.37A	9.45A	9.55A
Open-circuit Voltage (Voc)	47.52V	47.91V	48.41V	48.49V	49.18V
Short-circuit Current (Isc)	9.72A	9.83A	9.89A	9.99A	10.24A
Module Efficiency STC (%)	18.55%	18.81%	19.07%	19.33%	19.58%
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	Mono-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 ℃
Temperature Coefficients of Pmax	-0.40% / ℃
Temperature Coefficients of Voc	-0.29% / ℃
Temperature Coefficients of Isc	+0.048% / ℃

Packaging Configuration

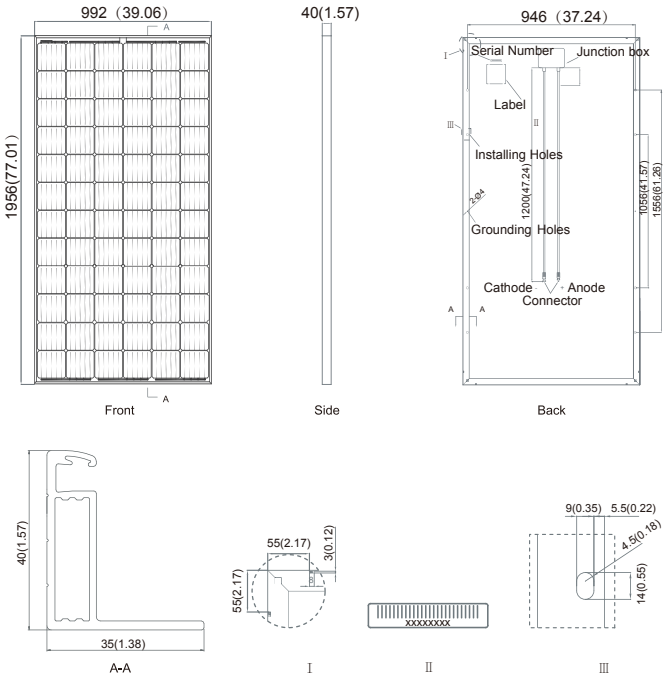
Container	20'GP	40'HQ
Pieces Per Pallet	27	27 / 5
Pallets Per Container	10	24 / 12
Pieces Per Container	270	708

Maximum Ratings

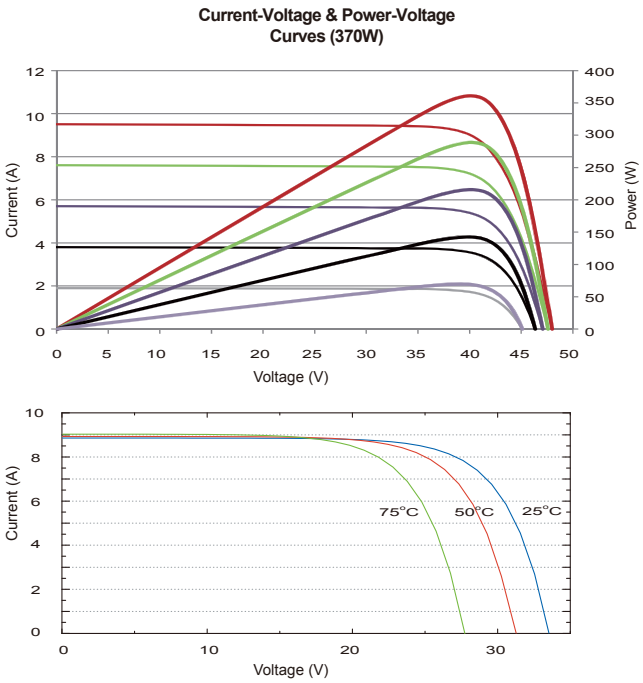
Operating Temperature	-40℃~+85℃
Maximum System Voltage	1500VDC (IEC)
Maximum System Voltage	1500VDC (BIS)
Maximum Series Fuse Rating	15A

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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