



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.



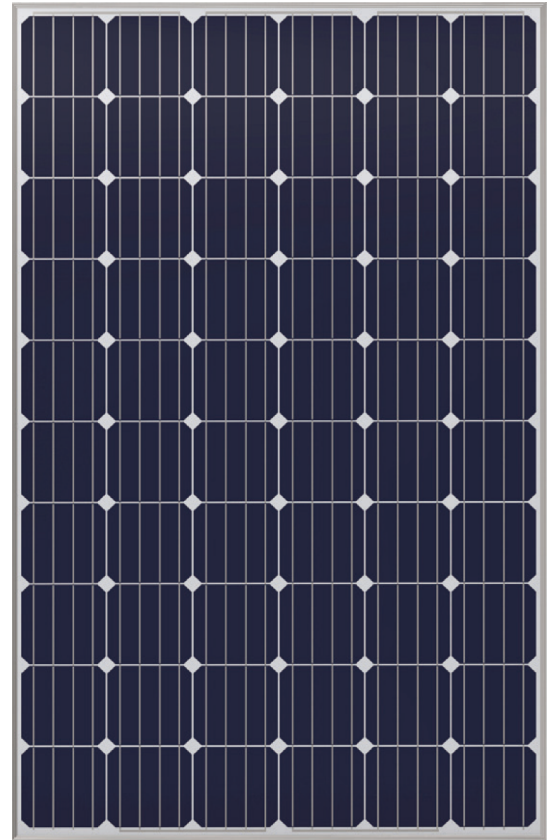
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications



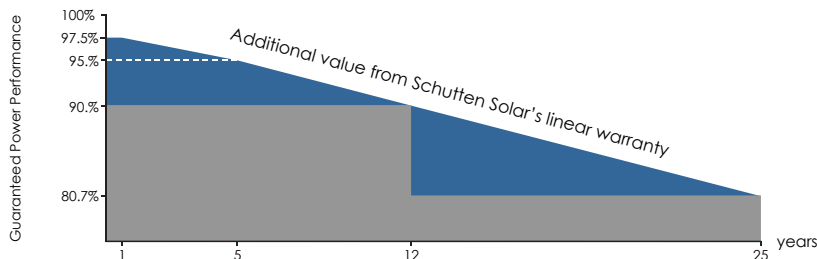
Durability against extreme environmental
High salt mist and ammonia resistance
certified by TUV NORD



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



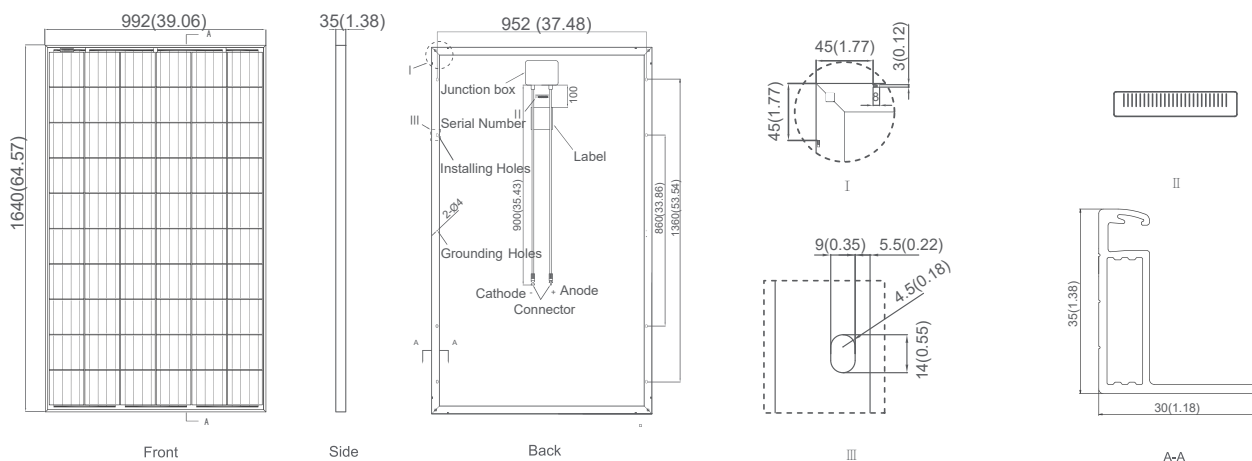
Electrical Characteristics

Module Type	STM6-265/60	STM6-270/60	STM6-275/60	STM6-280/60	STM6-285/60
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	265Wp	270Wp	275Wp	280Wp	285Wp
Maximum Power Voltage (Vmp)	30.96V	31.34V	31.77V	32.08V	32.47V
Maximum Power Current (Imp)	8.56A	8.62A	8.66A	8.73A	8.78A
Open-circuit Voltage (Voc)	38.38V	38.52V	38.84V	39.03V	39.31V
Short-circuit Current (Isc)	9.16A	9.20A	9.25A	9.28A	9.31A
Module Efficiency STC (%)	16.29%	16.60%	16.90%	17.21%	17.52%
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 module operating temperature (NMOT)	45±2°C	

STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

Engineering Drawings

*All dimensions in mm(inch)



Mechanical Characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No.of cells	60 (6×10)
Dimensions	1640×992×35mm (64.56×39.05×1.37 inch)
Weight	19.0 kg (41.88 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	4.0mm, Length: 900mm
Connector	MC4 Compatible
Maximum Snow Load	550Kg/m ²
Maximum Wind Load	200Km/h
Hailstone Impact Test	80Km/h for 25mm ice ball

Packaging Configuration

Container	20' GP	40' HQ
Pieces Per Pallet	29 / 25 / 19	29 / 5
Pallets Per Container	6 / 6 / 1	28 / 14
Pieces Per Container	343	882

Current-Voltage & Power-Voltage Curve

