

Standard Module

GSM6 6X12 Series 6" Cell module



Dimension 1968mm*992mm*50mm
Weight Approx 22.7 kg

Features

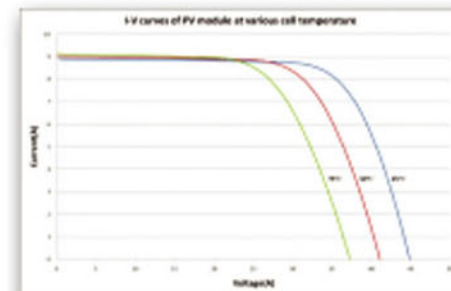
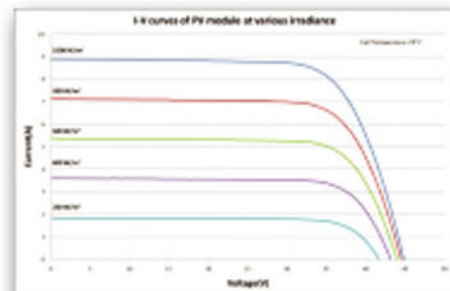
- 72 presorted high efficient multi-crystalline silicon solar cells.
- Long term stability by quality control and exact tuning of components.
- Sorting limit of module classification to 0/+4.99 Watt.
- TÜV mechanical load test certificate upon 5400 Pa.

Quality and safety

- 5 years material and workmanship warranty.
- 10 years of 90% and 25 years of 80% power output limited warranty.
- Rigorous quality control meeting the highest international standards: ISO 9001 and ISO 14001.
- Certified by IEC 61215 & IEC 61730 standard and conformity to CE.



I-V curves for 285W Module



Electrical characteristics under standard test condition (STC)¹

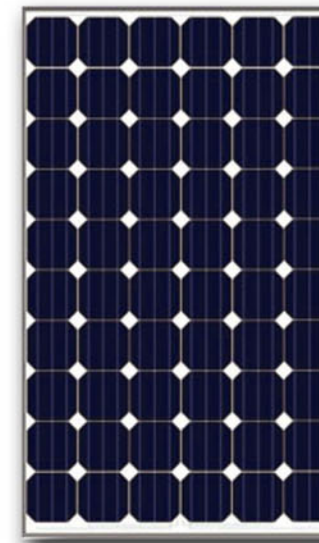
Typical power (P _{max}) ²	270W	275W	280W	285W
Voltage at typical power (V _{mp})	34.06V	34.34V	34.53V	34.85V
Current at typical power (I _{mp})	7.93A	8.01A	8.11A	8.18A
Open circuit voltage (V _{oc})	43.94V	44.22V	44.41V	44.73V
Short circuit current (I _{sc})	8.64A	8.72A	8.82A	8.89A
Module Efficiency (%)	13.83%	14.09%	14.34%	14.60%
Maximum system voltage	1000 V			
Fuse rating	15 A			
Application	DC 24 V SYSTEM			
System cell	156mm*156mm Multi-crystalline Silicon			
No. of cells and connections	72 PCS in series (6 x 12)			

1. STC: AM1.5, 1000 W/m², cell temperature of 25°C.

2. Power tolerance at maximum power under STC condition = ±3%.

Standard Module

GSS6 6X10 Series 6" Cell module



Dimension 1652mm*992mm*40mm
Weight Approx 18.8 kg

Features

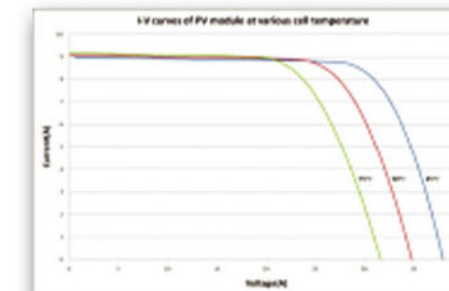
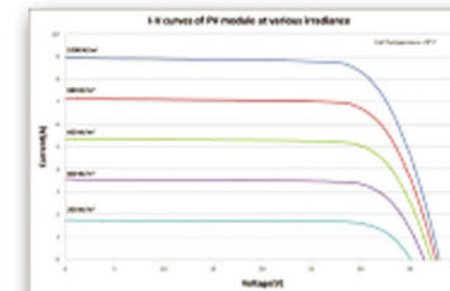
- 60 presorted high efficient multi-crystalline silicon solar cells.
- Long term stability by quality control and exact tuning of components.
- Sorting limit of module classification to 0/+4.99 Watt.
- TÜV mechanical load test certificate upon 5400 Pa.

Quality and safety

- 5 years material and workmanship warranty.
- 10 years of 90% and 25 years of 80% power output limited warranty.
- Rigorous quality control meeting the highest international standards: ISO 9001 and ISO 14001.
- Certified by IEC 61215 & IEC 61730 standard and conformity to CE.



I-V curves for 250W Module



Electrical characteristics under standard test condition (STC)¹

Typical power (P _{max}) ²	245W	250W
Voltage at typical power (V _{mp})	29.58V	29.86V
Current at typical power (I _{mp})	8.29A	8.39A
Open circuit voltage (V _{oc})	37.7V	37.94V
Short circuit current (I _{sc})	8.85A	8.95A
Module Efficiency (%)	14.95%	15.26%
Maximum system voltage	1000 V	
Fuse rating	15 A	
Application	DC 24 V SYSTEM	
System cell	156mm*156mm Multi-crystalline Silicon	
No. of cells and connections	60 PCS in series (6 x 10)	

1. STC: AM1.5, 1000 W/m², cell temperature of 25°C.

2. Power tolerance at maximum power under STC condition = ±3%.