

## Key Features

- Power output : Positive tolerance of up to 5W
- 100%EL 2 times-inspection ensures modules are defect free
- 25 year irrevocable warranty insurance-Solarsafe
- Anti-reflective and self-cleaning surface reduces power loss from dirt and dust
- Certified to withstand increased snow loads of up to 5400Pa and wind loads of up to 2400Pa
- High performance and power output in low solar irradiation
- High salt and ammonia resistance certified by TUV Nord
- Top-Ranking in STS Long-term Test

## Comprehensive Certificates

- IEC61215, IEC61730, UL1703,
- TUV, UL, PV Cycle, JET, INMETRO, CEC, MCS, CE, IEC
- ISO9001:2008
- ISO14001:2004
- OHSAS 18001:1999

## Superior Warranty



## 25-year Linear Power Output Warranty

## Electrical Parameters@STC

Pmax (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF	Module Efficiency	Max System Voltage	Max Series Fuse
270	31.47	8.58	38.18	9.20	76.87%	16.60%	1000V	15A
275	31.80	8.65	38.51	9.28	76.97%	16.90%	1000V	15A
280	32.04	8.74	38.77	9.37	77.09%	17.21%	1000V	15A
285	32.25	8.84	38.98	9.46	77.31%	17.52%	1000V	15A

## Temperature Coefficient

Temperature Cycling Range : -40°C ~ +85°C  
 Normal Operating Cell Temperature : 46±2°C  
 Temperature Coefficient of Isc : 0.048%/°C  
 Temperature Coefficient of Voc : -0.329%/°C  
 Temperature Coefficient of Pmax : -0.439%/°C

## Mechanical Data

Module Dimension : 1640×992×40mm  
 Weight : 18.5kg  
 Snow/Wind Load : 5400/2400 Pa  
 Number of Cells : 60pcs  
 Thickness of Glass : 3.2mm  
 Junction Box : IP67, 3 Diodes  
 Connector : MC4 Compatible, IP67

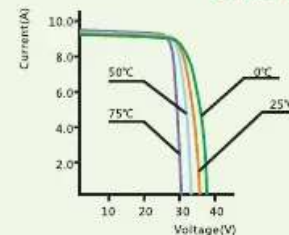
## Guarantee

10-year warranty on materials & workmanship  
 25-year linear power output warranty

## Packaging Configuration

Modules Per Pallet : 26 pcs  
 Modules Per 40' HQ : 728 pcs

## 270W Mono Module I-V Curve



STC: Irradiance 1000W/m<sup>2</sup>  
 NOCT: Irradiance 800W/m<sup>2</sup>

Temperature 25°C  
 Temperature 20°C

AM=1.5  
 Wind Speed 1m/s



To create value to customers

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(270-285W) Mono / 4 Busbar / 60pcs