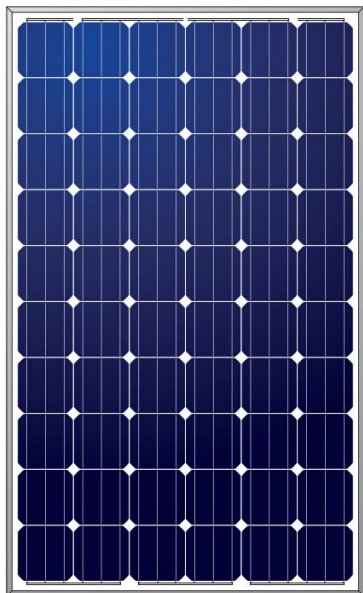


### Key Features



Full square poly crystalline modules designed for residential and utility applications, rooftop or ground mountings



High power output of more than 270W and module efficiency up to 16.6%



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



Excellent mechanical load resistance: certified to withstand high wind loads(2400Pa) and snow loads(5400Pa)

### Reliable Quality

#### Raw Material Control

- ✓ Only the materials certified by TUV officially will be approved.
- ✓ Strict material inspection before storehouse acceptance&production.

#### 100% EL Double Test

- ✓ Front EL test before lamination to find revisable defect.
- ✓ Rear EL test before packing to avoid hidden quality threat.

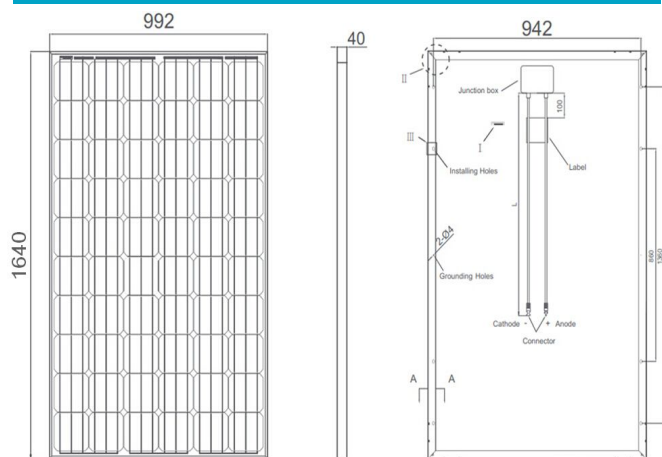
#### Superior Warranty

- ✓ 10-year limited product warranty for replacement or compensation.
- ✓ 25-year power output warranty for replacement or compensation.

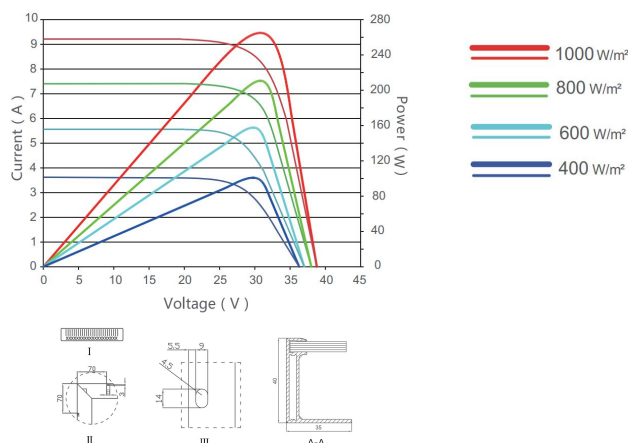
#### Comprehensive Certification

- ✓ TUV-NORD (IEC61215&61730)
- ✓ CE-NORD (2006/95/EC)
- ✓ ISO9001/14001:Quality/Environmental management systems

## Engineering Front&Back Side Drawings



## C-V&P-V Curves (265W)



## Mechanical Characteristics

Cell Type	Mono 156×156 mm (6')
Number of Cells	60 (6×10)
Dimension	1640×992×40mm
Weight	19.0 kg
Front Glass	Low iron Tempered Glass, 3.2mm
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible

## Temperature Characteristics

NOCT	45±2℃
Temperature coefficient of Pmax	-0.44%/℃
Temperature coefficient of Voc	-0.34%/℃
Temperature coefficient of Isc	0.06%/℃

### NOCT(Nominal Operating Cell Temperature):

Irradiance 800W/m², Ambient temperature 20℃,  
AM 1.5, Wind speed 1m/s

## Electrical Characteristics Under STC

Module Type	ESUN250M-60	ESUN255M-60	ESUN260M-60	ESUN265M-60	ESUN270M-60
Maximum Power-Pmax (Wp)	250	255	260	265	270
Voltage at Maximum Power-Vmp (V)	30.6	30.8	30.9	31.2	31.4
Current at Maximum Power -Imp (A)	8.18	8.28	8.42	8.50	8.60
Open Circuit Voltage-Voc (V)	37.7	37.8	37.9	38.2	38.4
Short Circuit Current-Isc (A)	8.86	8.96	9.10	9.19	9.28
Module Efficiency-η <sub>m</sub> (%)	15.4	15.7	16.0	16.3	16.6
Power Tolerance (W)	0/+5	0/+5	0/+5	0/+5	0/+5
Maximum System Voltage	1000VDC (IEC)				
Operating Temperature	-40℃ ~ +85℃				
Maximum Series Fuse	15A				

**STC (Standard Testing Conditions) :** Irradiance 1000/m², Cell temperature 25℃, AM 1.5

## Packing Configuration

Pallet: 25 PCS

20'GP/40'GP: 300 PCS / 700 PCS

Pallet Size: 1660×1130×1130 MM

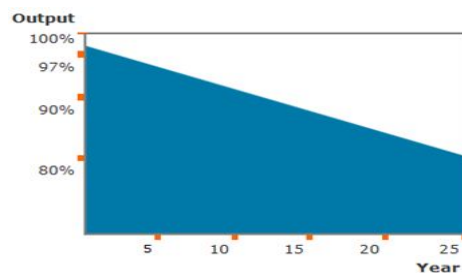
Pallet Gross Weight: 538 KGS

## Superior Warranty

☀ 10-year product warranty

☀ 10-year warranty for 90% power output

☀ 25-year warranty for 80% power output



Electrical data in this sheet don't refer to a single module and they are not part of the offer. They only serve for comparison among different module types.