

### Key Features



-  Full square poly crystalline modules designed for residential and utility applications, rooftop or ground mountings
-  High power output of more than 260W and module efficiency up to 16.0%
-  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.

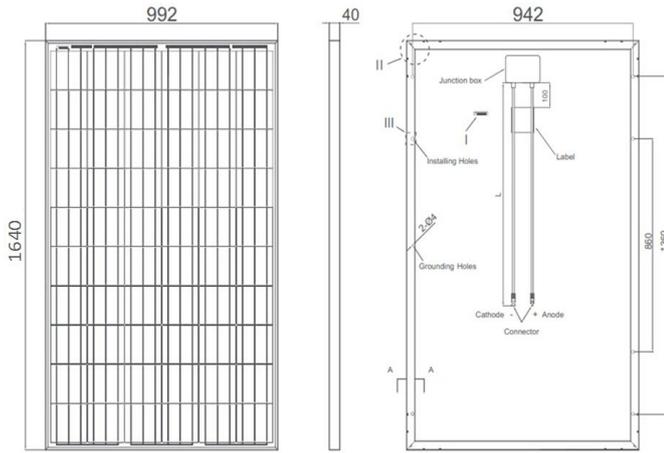
#### Superior Warranty

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

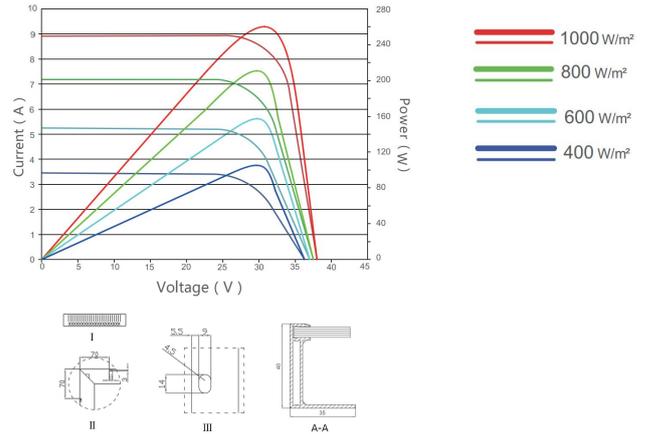
#### Comprehensive Certification

- ✓ 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 (260W)



## Mechanical Characteristics

Cell Type	Poly 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°C
Temperature coefficient of Pmax	-0.44%/°C
Temperature coefficient of Voc	-0.34%/°C
Temperature coefficient of Isc	0.06%/°C

### NOCT(Nominal Operating Cell Temperature):

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

## Electrical Characteristics Under STC

Module Type	ESUN240P-60	ESUN245P-60	ESUN250P-60	ESUN255P-60	ESUN260P-60
Maximum Power-Pmax (Wp)	240	245	250	255	260
Voltage at Maximum Power-Vmp (V)	29.4	29.6	30.0	30.3	30.7
Current at Maximum Power -Imp (A)	8.17	8.28	8.36	8.42	8.49
Open Circuit Voltage-Voc (V)	37.3	37.5	37.7	37.8	38.0
Short Circuit Current-Isc (A)	8.52	8.86	8.92	8.98	9.04
Module Efficiency-η <sub>m</sub> (%)	14.8	15.1	15.4	15.7	16.0
Power Tolerance (W)	0/+5	0/+5	0/+5	0/+5	0/+5
Maximum System Voltage	1000VDC (IEC)				
Operating Temperature	-40°C ~ +85°C				
Maximum Series Fuse	15A				

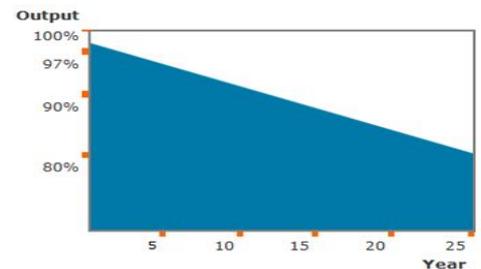
**STC (Standard Testing Conditions) :** Irradiance 1000/m², Cell temperature 25°C, AM 1.5

## 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.