



DG Polycrystal Solar Cell Modules  
**HTM265/270/275/280**  
**DPA-60**

### Reliable Quality

0~+3% positive tolerance output warranty  
 EL full inspection for twice effectively eliminates defects of products  
 Optimize module current profile, improve system-side power generation



### Module Characteristics



#### Strong Adaptability

Applicable to the harsh environment of coastal, desert, lake and so on



#### Power Warranty

30- year 80% output power warranty, more power output



#### No PID Effect

Special no-frame design greatly reduces the possibility of PID effects



#### Fire Resistance

Entire module pass through A-level fireproof test, more secure and reliable



#### Load Capacity

Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

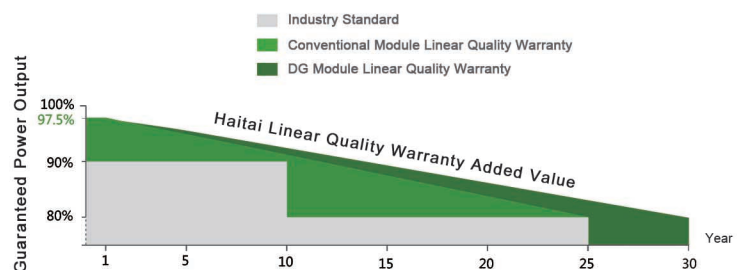


#### Durability and Reliability Enhancements

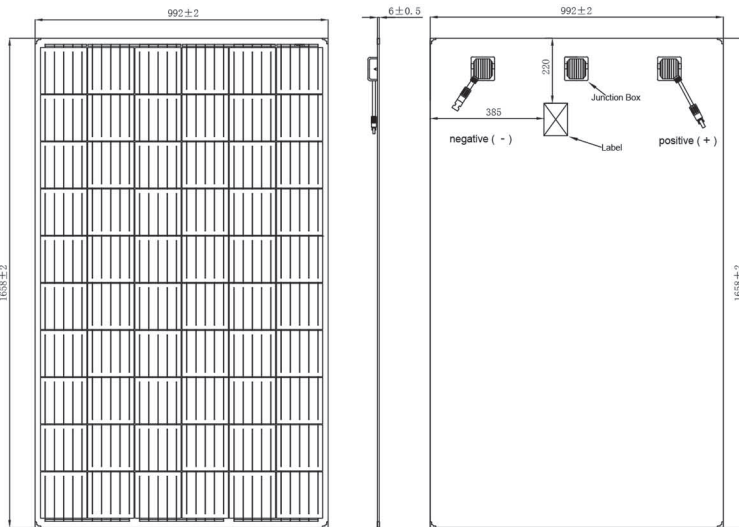
Reduce micro-cracking, snail trails, corrossions caused by moisture, sand, salt mist, acid, alkali, etc

### Industry-leading Linear Quality Warranty

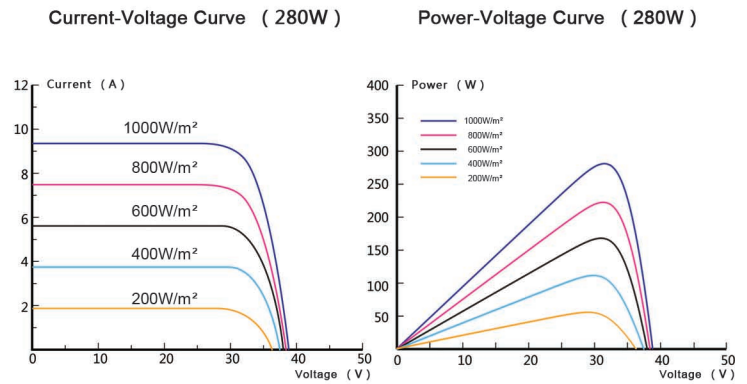
12-year material technology quality warranty•30-year linear quality warranty



## Module Dimensions(mm)



## I-V Curve



## Quality Assurance

- 12-year product quality warranty
- 30-year linear power warranty

## Packaging Capacity

- Each box capacity: 33 pcs
- Container load capacity per 40 feet: 858 pcs

## Structure Parameter

Cell Type	156.75x156.75mm Polycrystal
Cell Orientation	60 (6x10)
Module Dimensions	1658x992x6mm
Weight	23kg
Front Glass	2.5mm Semi-tempered coated glass
Back Glass	2.5mm Semi-tempered glass
Junction Box	Protection class IP67
Cable	4.0mm <sup>2</sup> photovoltaic special cable
Connector	MC4 compatible connector

## Electric Characteristics

Module Type	HTM265DPA-60		HTM270DPA-60		HTM275DPA-60		HTM280DPA-60	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions								
Maximum Output Power(P <sub>m</sub> )	265W	195W	270W	200W	275W	203W	280W	207W
Maximum Power Voltage(V <sub>mp</sub> )	30.93V	29.00V	31.15V	29.37V	31.40V	29.52V	31.75V	29.79V
Maximum Power Current(I <sub>mp</sub> )	8.57A	6.73A	8.67A	6.81A	8.76A	6.88A	8.82A	6.95A
Open-circuit Voltage(V <sub>oc</sub> )	37.98V	35.85V	38.19V	36.24V	38.55V	36.51V	38.91V	36.97V
Short-circuit Current(I <sub>sc</sub> )	9.10A	7.22A	9.17A	7.26A	9.23A	7.31A	9.30A	7.36A
Module Conversion Efficiency(STC)	16.11%		16.42%		16.72%		17.02%	
Maximum System Voltage	1000V							
Operating Temperature	-40°C~+85°C							
Temperature Coefficient(P <sub>m</sub> )	-0.394%/°C							
Temperature Coefficient(V <sub>oc</sub> )	-0.307%/°C							
Temperature Coefficient(I <sub>sc</sub> )	0.04%/°C							
Cell Rated Operating Temperature(NOCT)	45±2°C							

STC : ☀️ Light intensity 1000W/m<sup>2</sup> 🌡️ Environment temperature : 25°C 🌬️ Air quality : AM1.5  
 NOCT : ☀️ Light intensity 800W/m<sup>2</sup> 🌡️ Environment temperature : 20°C 🌬️ Air quality : AM1.5 🌀 Wind speed : 1m/s