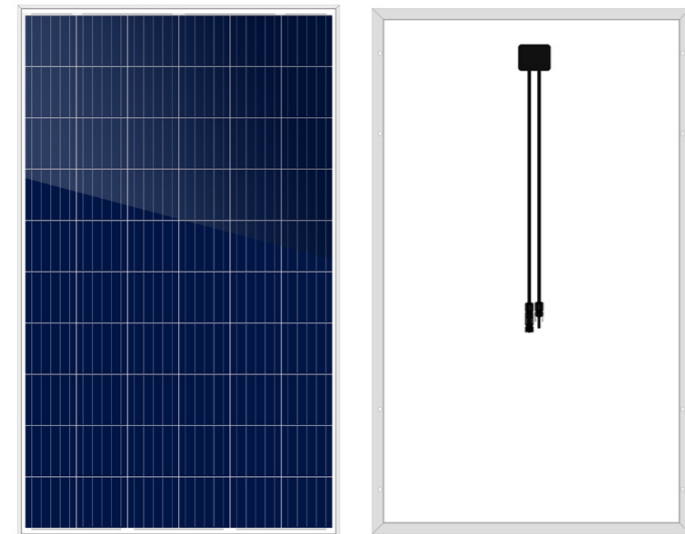
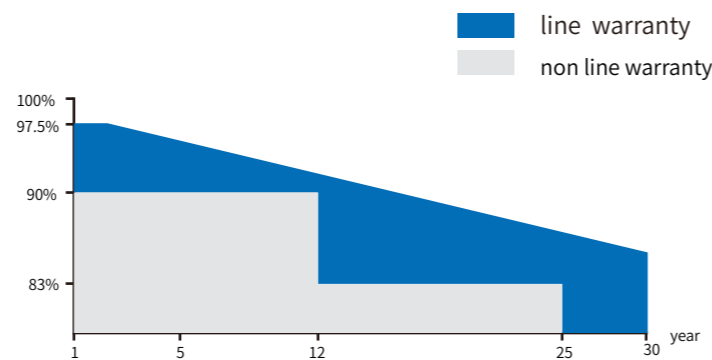


## HR250W-HR285W



### Global leader

12 years material warranty 25 years line output warranty



### Products characteristic



**Solar cells** :Multi Barsbars high efficiency cell



**Excellent PID resistance**: the monocrystalline solar panels can be guaranteed to pass the PID (potential-induced attenuation) test



**Fire safety** (Class A, tested in TUA)



**Water repellency**: good in hydrophobicity



**Frame**: Anodized aluminum alloy frame, Easy to transport.



**EL test** :100% inspection to guarantee products quality by EL test.

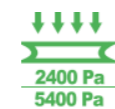


Using **high efficiency mono solar cells**, the current is more uniform, reduce the current heat loss of the cells inside the module effectivly



**LOW LIGHT**

**Excellent low irradiance performance**: Using low iron tempered glass with transmittance more than 97%, enhance the penetration of sunlight, excellent performance in low-light environment condition.



**2400 Pa**  
**5400 Pa**

**Excellent mechanical loading tolerance**: pass the pressure test of 5400pa on the front and 2400pa on the back.Certified to withstand hail and heavy snow environment condition.



**Work in sever environment**: pass three performance and safety tests certified by TUV, safety for salt mist and ammonia corrosion.



**Warranty**: material&craft quality assurance and 90% output power guarantee in 12 years.line guaranty.



**Automatic production Line**: 300MW production ability



**Junction box** : outstanding quality junction box and connector.

### Electrical Characteristics(STC)

Module Type	HR250W	HR260W	HR265W	HR270W	HR275W	HR280W	HR285W
Maximum Power-Pmax(w)	250	260	265	270	275	280	285
Open Circuit Voltage-Voc(V)	37.5	37.8	38.0	38.2	38.3	38.5	38.9
Short-Circuit Current-Isc(A)	8.73	8.85	8.96	9.09	9.17	9.23	9.28
Voltage at Pmax-Vmp(V)	30.1	30.8	31.0	31.1	31.5	31.8	32.2
Current at Pmax-Imp(A)	8.32	8.44	8.55	8.68	8.73	8.81	8.86
Module Efficiency -ηm(%)	15.4	16.0	16.2	16.5	16.9	17.2	17.5
STC: Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass 1.5							
Power Tolerance(W)	(0,+4.99)						
Maximum System Voltage(V)	1000						
Maximum Series Fuse Rating(A)	20						

### Temperature Characteristics

Pmax Temperature Coefficient	-0.40%/C
Voc Temperature COffcient	-0.32%/C
Isc Temperature COffcient	+0.05%/C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

### Mechanical Specifications

Dimensions	1640×992×35mm
Weight	18.5kg
Solar Cells	Monocrystalline 156.75x156.75mm (60pcs)
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Mechanical Load	5400Pa
Output Cables	4.0mm <sup>2</sup> ,cable length:900mm
Connector	MC4 Connecto

### Packing List

Container	20'GP	40'HQ
Pieces per Pallet	30	30
Pallets per Container	12	28
Pieces per Container	360	840