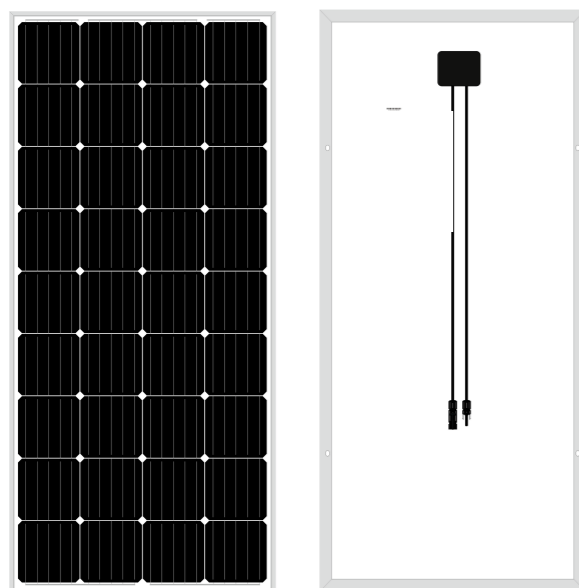
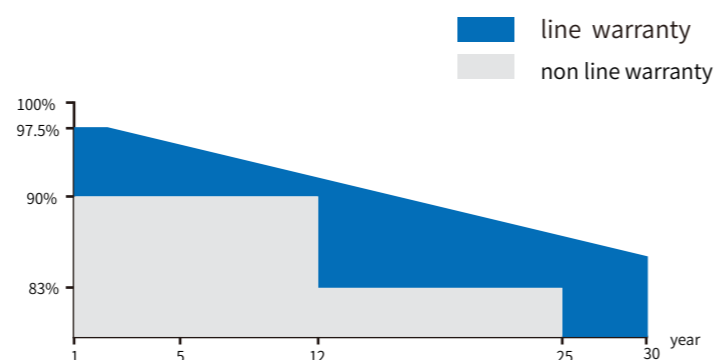


HR150W-HR170W



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 effectively

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.

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	HR150M	HR155M	HR160M	HR165M	HR170M
Maximum Power-Pmax(w)	150.00	155.00	160.00	165.00	170.00
Open Circuit Voltage-Voc(V)	22.60	22.70	22.80	23.10	23.30
Short-Circuit Current-Isc(A)	8.80	9.05	9.29	9.53	9.71
Voltage at Pmax-Vmp(V)	18.40	18.50	18.60	18.70	18.90
Current at Pmax-Imp(A)	8.15	8.38	8.60	8.82	8.99
Module Efficiency -ηm(%)	15.10	15.60	16.11	16.61	17.11
STC: Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5					
Power Tolerance(W)	(0,+4.99)				
Maximum System Voltage(V)	715				
Maximum Series Fuse Rating(A)	20				

Temperature Characteristics

Pmax Temperature Coefficient	-0.004
Voc Temperature Coefficient	-0.0032
Isc Temperature Coefficient	0.0005
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Mechanical Specifications

External Dimensions	1480*670*35mm
Weight	11kg
Mono Solar Cells	156.75x156.75mm (36pcs)
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Mechanical Load	5400Pa

Packing List

Carton Dimensions	1515×1110×689mm
Pallet Dimensions	1525×1120×830mm
Pallet Weight	380kg
Pieces per Pallet	30 (5pcs/carton)