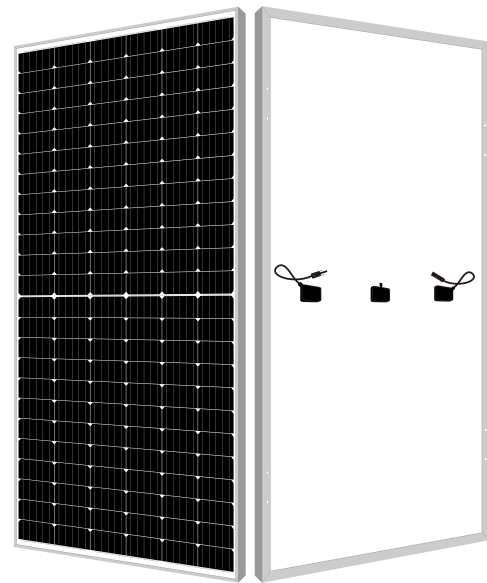
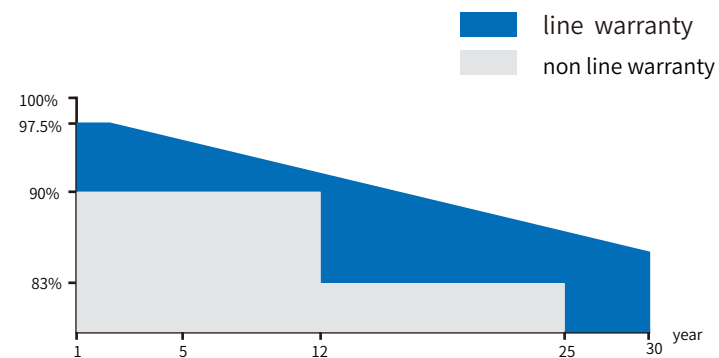


HR395W-HR420W



Global leader

12 years material warranty 25years 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 severe 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 12years.line guaranty.



Automatic production Line: 300MW production ability



Junction box : outstanding quality junction box and connector.

Electrical Characteristics(STC)

Module Type	HR-395-72M-HB9H	HR-400-72M-HB9H	HR-405-72M-HB9H	HR-410-72M-HB9H	HR-415-72M-HB9H	HR-420-72M-HB9H
Maximum Power-Pmax(w)	395	400	405	410	415	420
Open Circuit Voltage-Voc(V)	48.6	48.8	49	49.2	49.4	49.6
Short-Circuit Current-Isc(A)	10.4	10.47	10.54	10.6	10.66	10.73
Voltage at Pmax-Vmp(V)	39.8	40	40.2	40.4	40.6	40.8
Current at Pmax-Imp(A)	9.93	10	10.08	10.15	10.22	10.29
Module Efficiency -ηm(%)	19.5	19.7	20	20.2	20.5	20.7
Power Tolerance(W)	(0,+5.00)					
Maximum System Voltage(V)	1000/1500					
Maximum Series Fuse Rating(A)	20					

Temperature Characteristics

Pmax Temperature Coefficient	-0.370%/C
Voc Temperature Coefficient	-0.286%/C
Isc Temperature Coefficient	+0.057%/C
Operating Temperature	-40~+85C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Mechanical Specifications

Dimensions	1002*2023*35mm
Weight	25kg
Solar Cells	Mono crystalline158.75*158.75mm(144pcs)
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Mechanical Load	5400Pa
Output Cables	4.0mm ²
Connector	MC4 Compatible

Packing List

Container	40'GP	40'GP
Pieces per Pallet	30	30
Pallets per Container	22	24
Pieces per Container	660	720