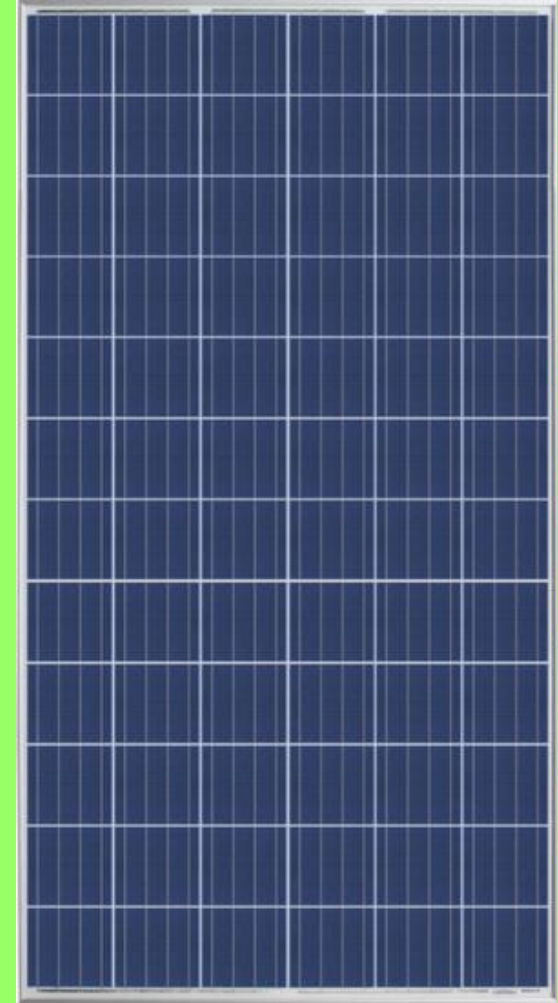
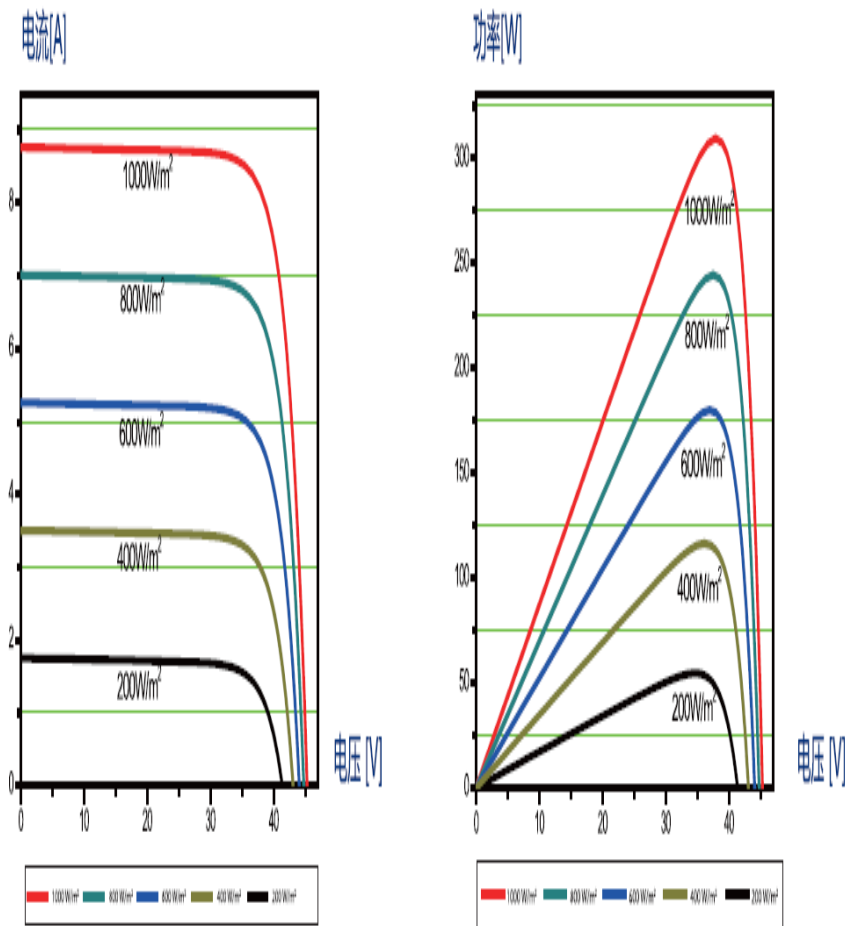




RM72-156P/305-320W (4BB)



## 1. Diagram



## 2. Component characteristics

### *Four main grid cell*

Uniform current collection, reducing the current heat loss of internal battery chip components.

### *Superior weak spectral response*

In the light of 200W/m - under the component relative efficiency is as high as 96%.

### *Tolerance*

0~+5 W

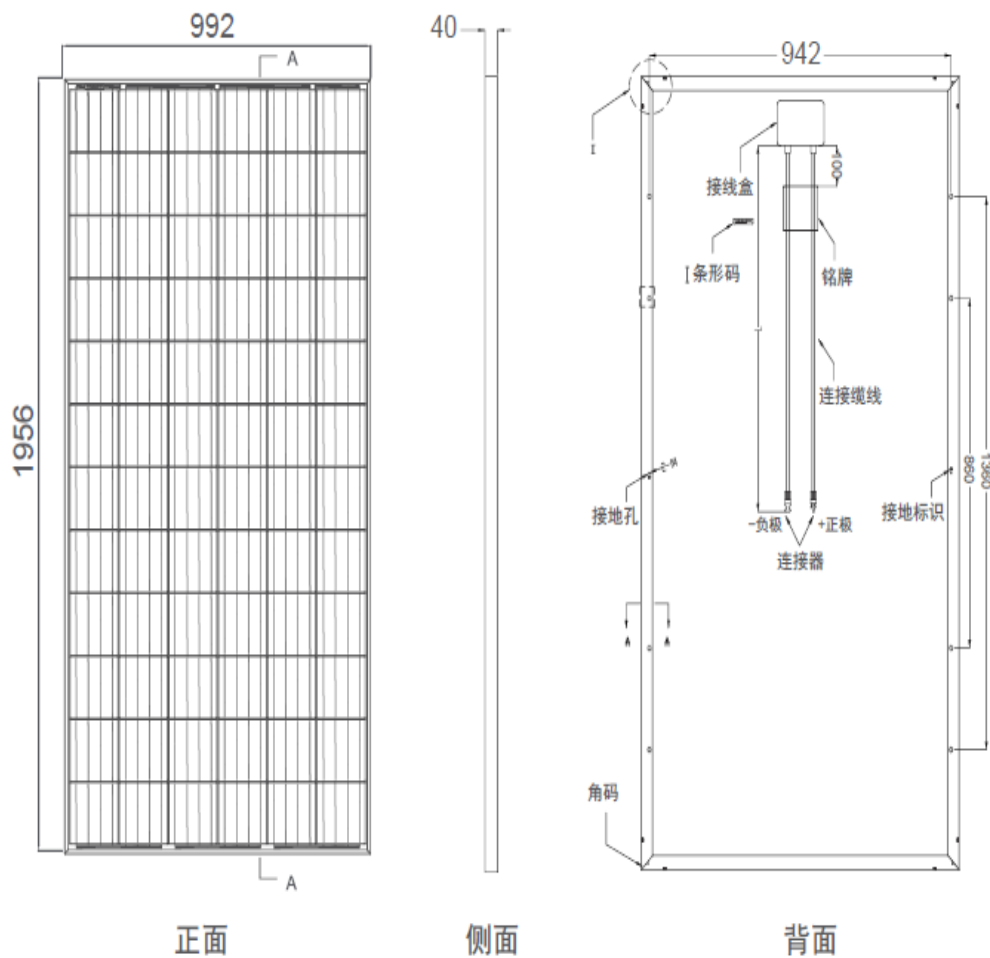
### *Load capacity*

The whole wind component via 5400Pa snow load and 2400Pa.

### *Harsh environmental adaptability*

Through salt spray resistance, ammonia, anti sand test, suitable for sea, desert and farm work under the bad environment.

### 3. Assembly drawing



### 4. Structure parameter

Battery chip type	polysilicon 156 × 156mm
Battery chip number	72 ( 6 × 12 )
Module Dimension	1956 × 992 × 40mm
Weight	25.8kg
Component glass	3.2mm High transmittance low iron tempered glass
Frame	Anodic oxide film aluminum alloy
Junction box	Protection level IP67 3 diodes
Wireway	TUV 4mm <sup>2</sup> Wire length 1000mm
Standard packing	23pcs/support Gross weight 550kg

## 5. Electrical performance parameters

Component model	RM72-156P/305W		RM72-156P/310W		RM72-156P/315W		RM72-156P/320W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P <sub>max</sub> ( W )	305	220	310	231	315	235	320	238
U <sub>mpp</sub> ( V )	36.97	34.8	37.13	33.9	37.37	34.3	37.52	34.7
I <sub>mpp</sub> ( A )	8.25	6.32	8.35	6.81	8.43	6.84	8.53	6.86
U <sub>oc</sub> ( V )	44.90	41.6	44.99	42.7	45.04	43.2	45.17	43.7
I <sub>sc</sub> ( A )	8.88	6.90	8.97	7.26	9.08	7.29	9.16	7.30
Module Efficiency	15.72%		15.98%		16.23%		16.49%	
Temperature Cycling Range	-40°C~+85 °C							
Max System Voltage	1000 VDC							
Max Series Fuse	15 A							
Output power tolerance	0~+3 W							
Temperature Coefficient of P <sub>max</sub>	-0.41%/°C							
Temperature Coefficient of V <sub>oc</sub>	-0.31%/°C							
Temperature Coefficient of I <sub>sc</sub>	0.06%/°C							
Nominal Operating Cell Temperature	45±2°C							

Note : STC : Light intensity 1000W/m<sup>2</sup> , Battery temperature 25°C , air quality AM1.5

NOCT : Light intensity 800W/m<sup>2</sup> , Battery temperature 20°C , air quality AM1.5 , wind speed 1m/s.

The company reserves the right of final interpretation