



## 1 Scope of application:

This product specification specification of the product size, performance, test methods are standardized, as the basis of technical confirmation.

## 2 General Specification:

### 2.1 Scope of application

The products can be used in solar modules, solar power generation systems, solar application products and other fields.

### 2.2 Standard test conditions

The test condition of this product is AM1.5, 1000W/m<sup>2</sup>, 25°C

## 3 General Specification

Item		Specification/Condition
01	Part No	BST-540W-96M
02	(solar cell)	MONO
03	Pmax	540W
04	Voc(V)	63.8
05	Isc(A)	10.71
06	Vmp(V)	52.2
07	Imp(A)	10.35
08	operating temperature	-45°C-+85°C
09	Power Tolerance	±5%
10	Max. Power Temp.	-(0.5±0.05)%/°C
11	Open circuit Voltage Temp.	-(160±10)mV/°C
12	Shot circuit current Temp.	(0.065±0.015)%/°C
13	Max. System Voltage (V)	1500V

## 4 Mechanical Properties

L1980mm xW1320mm x H40mm

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**Weight: 26.5kg**

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**Battery Specification : 96PCS (156\*156mm MONO) 8\*12**

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# Guangzhou Best Electronic Technology co.,Ltd

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Address: 5/F, C District, No. 98, Road 9, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou, China

Frame : Anodized aluminum frame

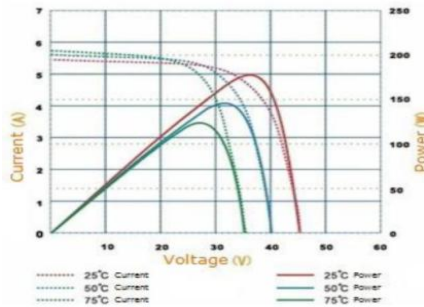
Structure: Front: 3.2mm high transmittance toughened glass sealing material: EVA Back: PET/TPT

## 5 Use and storage environment conditions

1. Storage environment:  $-20^{\circ}\text{C}$ - $60^{\circ}\text{C}$
2. Use in outdoor environment without shade under the sun
3. The temperature of the iron is  $360\pm 5^{\circ}\text{C}$ , and the welding time cannot exceed 3 seconds.

## 6 Points for Attention in Use

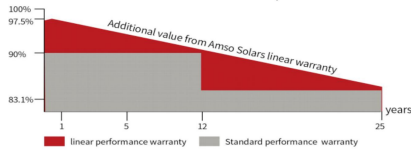
- A) It shall not exceed the power use range.
- B) Avoid scratching the surface with hard objects during use
- C) Can not bear bending force during transportation and assembly
- D) There shall be no contact with strong corrosive substances. If there is, it shall be cleaned immediately.
- E) When the solar panel is connected with electrical appliances, pay attention to whether the connecting wire is broken and whether the positive and negative poles are connected in reverse.



### LINEAR PERFORMANCE WARRANTY

► 12 Year Product Warranty

► 25 Year Linear Power Warranty



### QUALIFICATION



Product picture 产品图片



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