



Product Service

# Attestation of Conformity

No. N8A 110450 0002 Rev. 01

**Holder of Certificate:** **Anhui Huasun Energy Co., Ltd.**  
No. 99, Qingliu Road  
Xuancheng Economic and Technological Development Zone  
Xuanzhou District  
242000 Xuancheng City, Anhui Province  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**  
**Mono-crystalline Silicon Hetero-junction Photovoltaic (PV) Modules**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704062035002-02

**Date,** 2021-12-13

( David Bo )

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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## Model(s):

### Framed:

HS-B144DSxxx (xxx=440 to 480 in step of 5)  
 HS-B132DSxxx (xxx=405 to 440 in step of 5)  
 HS-B120DSxxx (xxx=365 to 400 in step of 5)  
 HS-B144DSNxxx (xxx=440 to 480 in step of 5)  
 HS-B132DSNxxx (xxx=405 to 440 in step of 5)  
 HS-B120DSNxxx (xxx=365 to 400 in step of 5)  
 HS-B156DSBxxx (xxx=490 to 520 in step of 5)  
 HS-B144DSBxxx (xxx=450 to 480 in step of 5)  
 HS-B132DSBxxx (xxx=410 to 440 in step of 5)  
 HS-B120DSBxxx (xxx=375 to 400 in step of 5)  
 HS-B156DSNxxx (xxx=490 to 520 in step of 5)  
 HS-B156DSxxx (xxx=490 to 520 in step of 5)

### Frameless:

HS-B144DNxxx (xxx=440 to 480 in step of 5)  
 HS-B132DNxxx (xxx=405 to 440 in step of 5)  
 HS-B120DNxxx (xxx=365 to 400 in step of 5)  
 HS-B144DNNxxx (xxx=440 to 480 in step of 5)  
 HS-B132DNNxxx (xxx=405 to 440 in step of 5)  
 HS-B120DNNxxx (xxx=365 to 400 in step of 5)  
 HS-B96DNNxxx (xxx=295 to 320 in step of 5)  
 xxx stands for rated output power at STC

The corresponding BSTS power range as follows:

All electrical data is shown as relative to this test conditions:

front side irradiance 1000 W/m<sup>2</sup>, back-side irradiance 135 W/m<sup>2</sup>,  
 25 °C, AM 1.5

### Framed:

HS-B144DSxxx (BSTC Power range: 490W to 530W in step of 5)  
 HS-B132DSxxx (BSTC Power range: 450W to 485W in step of 5)  
 HS-B120DSxxx (BSTC Power range: 405W to 440W in step of 5)  
 HS-B144DSNxxx (BSTC Power range: 495W to 535W in step of 5)  
 HS-B132DSNxxx (BSTC Power range: 455W to 490W in step of 5)  
 HS-B120DSNxxx (BSTC Power range: 410W to 445W in step of 5)  
 HS-B156DSBxxx (BSTC Power range: 540W to 570W in step of 5)  
 HS-B144DSBxxx (BSTC Power range: 495W to 525W in step of 5)  
 HS-B132DSBxxx (BSTC Power range: 450W to 480W in step of 5)  
 HS-B120DSBxxx (BSTC Power range: 410W to 435W in step of 5)  
 HS-B156DSNxxx (BSTC Power range: 545W to 575W in step of 5)  
 HS-B156DSxxx (BSTC Power range: 540W to 570W in step of 5)

### Frameless:

HS-B144DNxxx (BSTC Power range: 490W to 530W in step of 5)  
 HS-B132DNxxx (BSTC Power range: 450W to 485W in step of 5)  
 HS-B120DNxxx (BSTC Power range: 405W to 440W in step of 5)  
 HS-B144DNNxxx (BSTC Power range: 495W to 535W in step of 5)  
 HS-B132DNNxxx (BSTC Power range: 455W to 490W in step of 5)  
 HS-B120DNNxxx (BSTC Power range: 410W to 445W in step of 5)  
 HS-B96DNNxxx (BSTC Power range: 325W to 350W in step of 5)



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## Parameters:

Construction:	Framed or Frameless with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class A according to UL790 Yangzhou Opto-Electrical Products Testing Institute.
Test Laboratory:	No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.

## Tested according to:

EN IEC 61730-1:2018  
 EN IEC 61730-1:2018/AC:2018-06  
 EN IEC 61730-2:2018  
 EN IEC 61730-2:2018/AC:2018-06