



Product Service

Attestation of Conformity

No. N8A 110450 0002 Rev. 02

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

Test report no.: 704062035002-03

Date, 2022-05-16

(Zhulin Zhang)

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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:

166 cell modules:

HS-B144DSxxx (xxx=440 to 500 in step of 5)
 HS-B132DSxxx (xxx=405 to 455 in step of 5)
 HS-B120DSxxx (xxx=365 to 415 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)

210 cell modules:

HS-210-B132DSxxx (xxx=670 to 700 in step of 5)
 HS-210-B120DSxxx (xxx=605 to 635 in step of 5)
 HS-210-B110DSxxx (xxx=555 to 580 in step of 5)

Frameless:

HS-B144DNxxx (xxx=440 to 500 in step of 5)
 HS-B132DNxxx (xxx=405 to 455 in step of 5)
 HS-B120DNxxx (xxx=365 to 415 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/m², backside irradiance

135 W/m², 25 °C, AM 1.5

Framed:

166 cell modules:

HS-B144DSxxx (BSTC Power range: 490W to 550W in step of 5)
 HS-B132DSxxx (BSTC Power range: 450W to 500W in step of 5)
 HS-B120DSxxx (BSTC Power range: 405W to 455W 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)

210 cell modules:

HS-210-B132DSxxx (BSTC Power range: 740W to 770W in step of 5)
 HS-210-B120DSxxx (BSTC Power range: 670W to 700W in step of 5)
 HS-210-B110DSxxx (BSTC Power range: 615W to 640W in step of 5)

Frameless:

HS-B144DNxxx (BSTC Power range: 490W to 550W in step of 5)
 HS-B132DNxxx (BSTC Power range: 450W to 500W in step of 5)
 HS-B120DNxxx (BSTC Power range: 405W to 455W 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)



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HS-B120DNNxxx (BSTC Power range: 410W to 445W in step of 5)
 HS-B96DNNxxx (BSTC Power range: 325W to 350W in step of 5)

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
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute. 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