



Product Service

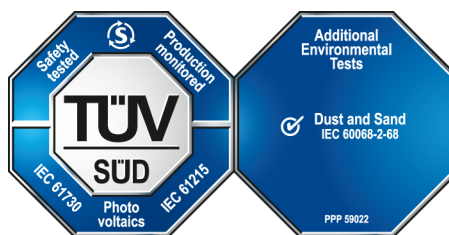
CERTIFICATE

No. Z2 110450 0007 Rev. 00

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

Certification Mark:



Product:

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

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062122412-00

Valid until: 2026-12-20

Date, 2021-12-27

(Zhulin Zhang)

CERTIFICATE

No. Z2 110450 0007 Rev. 00

Model(s):

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)
xxx stands for rated output power at STC

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)

Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class A according to UL790
Dust and Sand Test Method:	IEC 60068-2-68,LC1
Dust/sand type:	95% SiO ₂
Dust/sand concentration:	5g/m ³
Testing Air Velocity:	20m/s
Test Duration:	4h/each side

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
PPP 59022B:2021