



Product Service

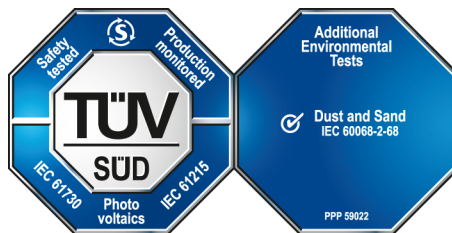
CERTIFICATE

No. Z2 123023 0007 Rev. 01

Holder of Certificate: Shanghai Electric Hency Solar Technology Co., Ltd.

1st Floor, Building 5, No. 951, Jianchuan Road
Minhang District
201109 Shanghai
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Mono-crystalline Silicon Photovoltaic module

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062387205-02

Valid until: 2029-03-04

Date, 2024-09-13

(Zhulin Zhang)

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT

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Model(s):

182.1 x 91.75(mm) N type-HJT cell modules:
a) 144 cells module:
SEC1-144D-xxxYS (xxx=560 to 595 in step of 5)
210 x 105(mm) N type-HJT cell modules:
b) 132 cells module:
SEC1-132D-xxxYS (xxx=675 to 730 in step of 5)
182 x 105 (mm) N type-HJT cell modules:
e) 132 cells module:
SEC2-132D-xxxYS (xxx=600 to 640 in step of 5)
f) 108 cells module:
SEC2-108D-xxxYS (xxx=490 to 515 in step of 5)
g) 96 cells module:
SEC2-96D-xxxYS (xxx=435 to 455 in step of 5)
xxx stands for rated output power at STC.

The corresponding BNPI 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

182.1 x 91.75(mm) N type-HJT cell modules:
a) 144 cells module:
SEC1-144D-xxxYS (Rated Output Power at BNPI: 620W,625W,630W,635W,640W,645W,650W,655W)
210 x 105(mm) N type-HJT cell modules:
b) 132 cells module:
SEC1-132D-xxxYS (Rated Output Power at BNPI: 745W,750W,755W,761W,766W,772W,778W,783W, 789W,794W,799W,805W)
182 x 105 (mm) N type-HJT cell modules:
e) 132 cells module:
SEC2-132D-xxxYS (Rated Output Power at BNPI: 670 to 710 in step of 5)
f) 108 cells module:
SEC2-108D-xxxYS (Rated Output Power at BNPI: 550 to 575 in step of 5)
g) 96 cells module:
SEC2-96D-xxxYS (Rated Output Power at BNPI: 475 to 500 in step of 5)

Parameters:

Safety Class:	Class II
Max. system voltage:	1500V DC
Construction:	Framed, with Junction box, cable and connector.
Dust/sand type:	95% SiO ₂
Dust /sand concentration:	5g/m ³
Testing air velocity:	20m/s
Test duration:	4h/each side
Dust and sand test method:	IEC 60068-2-68, LC1



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**Tested
according to:**

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
PPP 59022B:2021