

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50679034 0001

Berichtsnummer *Report No.:*
CN25I7W5 001

Genehmigungsinhaber *License Holder:*
Zhejiang Beyondsun Green Energy
Technology Co., Ltd.
No.888 Zhili Section of G318
Zhili Town Huzhou City,
313008 Zhejiang Province
P.R. China

Fertigungsstätte *Manufacturing Site:*
2 Fertigungsstätten auf Folgeseiten
Listing of 2 factories on following pages

Prüfzeichen *Test Mark:*



Geprüft nach *Tested according to:*

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation

Product Identification

Produkt: PV Module

Product:

Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: *Type designation(s) are listed on the next page(s)*

Technische Daten: Class II acc. to IEC 61140
Technical Data: For other ratings, refer to the test report.

Gültig bis: 2030-06-09
Date of expiry:

Gültig ab: 2025-06-10
Valid from:

Ausstellungsdatum: 2025-06-10
Date of issue:

Zertifizierungsstelle:
Certification body:



Zeichen

Elle Hu

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50679034 0001

Berichtsnummer *Report No.:*

CN25I7W5 001

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

TSHNMxxx-144HR (xxx = 560-635, in steps of 5, 144 cells)

TSHNMxxx-132HR (xxx = 540-580, in steps of 5, 132 cells)

TSHNMxxx-120HR (xxx = 490-530, in steps of 5, 120 cells)

TSHNMxxx-108HR (xxx = 420-475, in steps of 5, 108 cells)

TSHNMxxx-96HR (xxx = 390-425, in steps of 5, 96 cells)

TSHNMxxx-144HR-A (xxx = 560-635, in steps of 5, 144 cells)

TSHNMxxx-132HR-A (xxx = 540-580, in steps of 5, 132 cells)

TSHNMxxx-120HR-A (xxx = 490-530, in steps of 5, 120 cells)

TSHNMxxx-108HR-A (xxx = 420-475, in steps of 5, 108 cells)

TSHNMxxx-96HR-A (xxx = 390-425, in steps of 5, 96 cells)

TSHNMxxx-144HR-B (xxx = 560-635, in steps of 5, 144 cells)

TSHNMxxx-132HR-B (xxx = 540-580, in steps of 5, 132 cells)

TSHNMxxx-120HR-B (xxx = 490-530, in steps of 5, 120 cells)

TSHNMxxx-108HR-B (xxx = 420-475, in steps of 5, 108 cells)

TSHNMxxx-96HR-B (xxx = 390-425, in steps of 5, 96 cells)

TSHNMxxx-156HV (xxx = 610-655, in steps of 5, 156 cells)

TSHNMxxx-144HV (xxx = 560-605, in steps of 5, 144 cells)

TSHNMxxx-132HV (xxx = 505-550, in steps of 5, 132 cells)

TSHNMxxx-120HV (xxx = 460-500, in steps of 5, 120 cells)

TSHNMxxx-108HV (xxx = 415-450, in steps of 5, 108 cells)

TSHNMxxx-96HV (xxx = 370-400, in steps of 5, 96 cells)

TSHNMxxx-132HT (xxx = 570-650, in steps of 5, 132 cells)

TSHNMxxx-120HT (xxx = 540-590, in steps of 5, 120 cells)

TSHNMxxx-108HT (xxx = 480-530, in steps of 5, 108 cells)

TSHNMxxx-96HT (xxx = 425-470, in steps of 5, 96 cells)

TSHNMxxx-48HT (xxx = 210-235, in steps of 5, 48 cells)

xxx represents output power in Wp

Remarks:

Fire Rating: Class C (according to UL 790)

Design Load / Safety Factors: 3600 Pa / 1.5 (downward)

1600 Pa / 1.5 (upward)

Conditions:

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Produkt *Product:*

PV Module

Fertigungsstätten *Factories:*

- 1 Zhejiang Beyondsun Green Energy
Technology Co., Ltd.
No.888 Zhili Section of G318
Zhili Town Huzhou City,
313008 Zhejiang Province
P.R. China
- 2 Ningxia Beyondsun Green Energy
Technology Co., Ltd.
Xinbeishan Industrial Park,
Dongyuan Town, Shapotou District,
Zhongwei City,
755000 Ningxia
P.R. China



Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50676150 0001

Berichtsnummer Report No.:

CN25J3E4 001

Genehmigungsinhaber License Holder:

Zhejiang Beyondsun Green Energy
Technology Co., Ltd.
No.888 Zhili Section of G318
Zhili Town Huzhou City,
313008 Zhejiang Province
P.R. China

Fertigungsstätte Manufacturing Site:

2 Fertigungsstätten auf Folgeseiten
Listing of 2 factories on following pages

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Geprüft nach Tested according to:

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Geräteidentifikation
Product Identification
Produkt: PV Module

Product:
Modell: Modelle sind auf nächste(r) Seite(n) gelistet

Type: *Type designation(s) are listed on the next page(s)*
Technische Daten: Class II acc. to IEC 61140

Technical Data: For other ratings, refer to the test report.

Gültig bis: 2030-06-08

Date of expiry:
Gültig ab: 2025-06-09

Valid from:
Ausstellungsdatum: 2025-06-09

Date of issue:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
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CN25J3E4 001

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

With cut of mono c-Si cells: (Under STC)

TSBHNMxxx-144HRG (xxx = 560-635, in steps of 5, 144 cells)

TSBHNMxxx-132HRG (xxx = 540-580, in steps of 5, 132 cells)

TSBHNMxxx-120HRG (xxx = 490-530, in steps of 5, 120 cells)

TSBHNMxxx-108HRG (xxx = 420-475, in steps of 5, 108 cells)

TSBHNMxxx-96HRG (xxx = 390-425, in steps of 5, 96 cells)

TSBHNMxxx-48HRG (xxx = 195-210, in steps of 5, 48 cells)

TSBHNMxxx-144HRG-A (xxx = 560-635, in steps of 5, 144 cells)

TSBHNMxxx-132HRG-A (xxx = 540-580, in steps of 5, 132 cells)

TSBHNMxxx-120HRG-A (xxx = 490-530, in steps of 5, 120 cells)

TSBHNMxxx-108HRG-A (xxx = 420-475, in steps of 5, 108 cells)

TSBHNMxxx-96HRG-A (xxx = 390-425, in steps of 5, 96 cells)

TSBHNMxxx-144HRG-B (xxx = 560-635, in steps of 5, 144 cells)

TSBHNMxxx-132HRG-B (xxx = 540-580, in steps of 5, 132 cells)

TSBHNMxxx-120HRG-B (xxx = 490-530, in steps of 5, 120 cells)

TSBHNMxxx-108HRG-B (xxx = 420-475, in steps of 5, 108 cells)

TSBHNMxxx-96HRG-B (xxx = 390-425, in steps of 5, 96 cells)

TSBHNMxxx-156HVG (xxx = 610-655, in steps of 5, 156 cells)

TSBHNMxxx-144HVG (xxx = 560-605, in steps of 5, 144 cells)

TSBHNMxxx-132HVG (xxx = 505-550, in steps of 5, 132 cells)

TSBHNMxxx-120HVG (xxx = 460-500, in steps of 5, 120 cells)

TSBHNMxxx-108HVG (xxx = 415-450, in steps of 5, 108 cells)

TSBHNMxxx-96HVG (xxx = 370-400, in steps of 5, 96 cells)

TSBHNMxxx-48HVG (xxx = 185-200, in steps of 5, 48 cells)

TSBHNMxxx-132HSG (xxx = 670-740, in steps of 5, 132 cells)

TSBHNMxxx-120HSG (xxx = 610-670, in steps of 5, 120 cells)

TSBHNMxxx-108HSG (xxx = 550-605, in steps of 5, 108 cells)

TSBHNMxxx-96HSG (xxx = 490-535, in steps of 5, 96 cells)

TSBHNMxxx-132HTG (xxx = 570-650, in steps of 5, 132 cells)

TSBHNMxxx-120HTG (xxx = 540-590, in steps of 5, 120 cells)

TSBHNMxxx-108HTG (xxx = 480-530, in steps of 5, 108 cells)

TSBHNMxxx-96HTG (xxx = 425-470, in steps of 5, 96 cells)

TSBHNMxxx-48HTG (xxx = 220-235, in steps of 5, 48 cells)

With cut of mono c-Si cells: (Under BNPI)

TSBHNMxxx-144HRG (xxx = 620-704, 144 cells)

TSBHNMxxx-132HRG (xxx = 598-643, 132 cells)

TSBHNMxxx-120HRG (xxx = 543-587, 120 cells)

TSBHNMxxx-108HRG (xxx = 465-526, 108 cells)

TSBHNMxxx-96HRG (xxx = 432-471, 96 cells)

TSBHNMxxx-48HRG (xxx = 216-233, 48 cells)

TSBHNMxxx-144HRG-A (xxx = 620-704, 144 cells)

TSBHNMxxx-132HRG-A (xxx = 598-643, 132 cells)

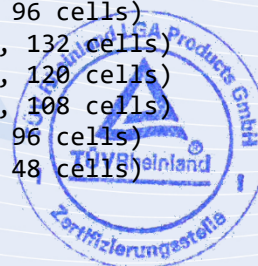
TSBHNMxxx-120HRG-A (xxx = 543-587, 120 cells)

TSBHNMxxx-108HRG-A (xxx = 465-526, 108 cells)

TSBHNMxxx-96HRG-A (xxx = 432-471, 96 cells)

TSBHNMxxx-144HRG-B (xxx = 620-704, 144 cells)

TSBHNMxxx-132HRG-B (xxx = 598-643, 132 cells)



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Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

TSBHNMxxx-120HRG-B (xxx = 543-587, 120 cells)
 TSBHNMxxx-108HRG-B (xxx = 465-526, 108 cells)
 TSBHNMxxx-96HRG-B (xxx = 432-471, 96 cells)
 TSBHNMxxx-156HVG (xxx = 676-726, 156 cells)
 TSBHNMxxx-144HVG (xxx = 620-670, 144 cells)
 TSBHNMxxx-132HVG (xxx = 560-609, 132 cells)
 TSBHNMxxx-120HVG (xxx = 510-554, 120 cells)
 TSBHNMxxx-108HVG (xxx = 460-499, 108 cells)
 TSBHNMxxx-96HVG (xxx = 410-443, 96 cells)
 TSBHNMxxx-48HVG (xxx = 205-222, 48 cells)
 TSBHNMxxx-132HSG (xxx = 742.4-819.9, 132 cells)
 TSBHNMxxx-120HSG (xxx = 675.9-742.4, 120 cells)
 TSBHNMxxx-108HSG (xxx = 609.4-670.3, 108 cells)
 TSBHNMxxx-96HSG (xxx = 542.9-592.8, 96 cells)
 TSBHNMxxx-132HTG (xxx = 631.6-720.2, 132 cells)
 TSBHNMxxx-120HTG (xxx = 598.3-653.7, 120 cells)
 TSBHNMxxx-108HTG (xxx = 531.8-587.2, 108 cells)
 TSBHNMxxx-96HTG (xxx = 470.9-520.8, 96 cells)
 TSBHNMxxx-48HTG (xxx = 232.7-260.4, 48 cells)
 xxx represents output power in Wp

Remarks:

Fire Rating: Class C (according to UL 790)
 Design Load / Safety Factors: 3600 Pa / 1.5 (downward)
 1600 Pa / 1.5 (upward)

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.



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