

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50676159 0001

**Berichtsnummer Report No.:**

CN25HRBG 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 61701:2020

EN IEC 61701:2020

**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:** 2030-04-29

*Date of expiry:*
**Gültig ab:** 2025-07-10

*Valid from:*
**Ausstellungsdatum:** 2025-07-10

*Date of issue:*
**Zertifizierungsstelle:**
*Certification body:*

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](mailto:markcheck@tuv.com)

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Precisely Right.

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**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)

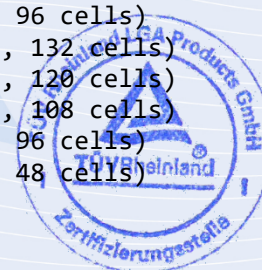
TSBHNMxxx-120HRG-A (xxx = 543-587, 120 cells)

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 = 702-753, 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:

- Valid in conjunction with TÜV Rheinland certificate PV 50676150 0001 and only for the material combination as listed in the above mentioned test report.
- Test performed with Test Method 8.

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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**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

