# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*
PV 50663739 0001

**Berichtsnummer** *Report No.:*
CN23JWNO 013

**Genehmigungsinhaber** *License Holder:*
Huansheng Photovoltaic (Jiangsu)
Co., Ltd.
No.20 Wenzhuang Road,
Economic Development Zone
Yixing
214203 Jiangsu
P.R. China

**Fertigungsstätte** *Manufacturing Site:*
3 Fertigungsstätten auf Folgeseiten
*Listing of 3 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:** *Product:* PV Module

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

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

**Gültig bis:** *Date of expiry:* 2029-01-04

**Gültig ab:** *Valid from:* 2025-01-23

**Ausstellungsdatum:** *Date of issue:* 2025-01-23

**Zertifizierungsstelle:** *Certification body:*

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle

Angela Yao

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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

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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

Max. System Voltage: Up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cells (Under STC):
HSM-BE60-GCxxx (xxx=490-540, in steps of 5, 120 cells)
HSM-BE54-GCxxx (xxx=445-485, in steps of 5, 108 cells)
HSM-BE60-DCxxx (xxx=490-530, in steps of 5, 120 cells)
HSM-BE54-DCxxx (xxx=445-475, in steps of 5, 108 cells)
HSM-BE72-GDxxx (xxx=610-660, in steps of 5, 144 cells)
HSM-BE60-GDxxx (xxx=510-550, in steps of 5, 120 cells)
HSM-BE54-GDxxx (xxx=460-495, in steps of 5, 108 cells)
HSM-BD78-GFxxx (xxx=650-685, in steps of 5, 156 cells)
HSM-BD72-GFxxx (xxx=585-630, in steps of 5, 144 cells)
HSM-BD60-GAxxx (xxx=490-525, in steps of 5, 120 cells)
HSM-BD54-GAxxx (xxx=440-470, in steps of 5, 108 cells)
HSM-BD72-DFxxx (xxx=585-620, in steps of 5, 144 cells)
HSM-BD60-DAxxx (xxx=490-515, in steps of 5, 120 cells)
HSM-BD54-DAxxx (xxx=440-465, in steps of 5, 108 cells)
HSM-BE78-GAxxx (xxx=650-685, in steps of 5, 156 cells)
HSM-BE72-GAxxx (xxx=600-630, in steps of 5, 144 cells)
HSM-BE60-GAxxx (xxx=500-525, in steps of 5, 120 cells)
HSM-BD66-GRxxx (xxx=610-660, in steps of 5, 132 cells)
HSM-BD72-GCxxx (xxx=610-655, in steps of 5, 144 cells)
HSM-BD60-GCxxx (xxx=500-545, in steps of 5, 120 cells)
HSM-BD54-GCxxx (xxx=460-490, in steps of 5, 108 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
HSM-BE60-GCxxx (xxx=520-570, in steps of 5, 120 cells)
HSM-BE54-GCxxx (xxx=470-510, in steps of 5, 108 cells)
HSM-BE60-DCxxx (xxx=520-560, in steps of 5, 120 cells)
HSM-BE54-DCxxx (xxx=470-500, in steps of 5, 108 cells)
HSM-BE72-GDxxx (xxx=645-695, in steps of 5, 144 cells)
HSM-BE60-GDxxx (xxx=540-580, in steps of 5, 120 cells)
HSM-BE54-GDxxx (xxx=485-520, in steps of 5, 108 cells)
HSM-BD78-GFxxx (xxx=690-725, in steps of 5, 156 cells)
HSM-BD72-GFxxx (xxx=615-660, in steps of 5, 144 cells)
HSM-BD60-GAxxx (xxx=515-550, in steps of 5, 120 cells)
HSM-BD54-GAxxx (xxx=460-490, in steps of 5, 108 cells)
HSM-BD72-DFxxx (xxx=615-650, in steps of 5, 144 cells)
HSM-BD60-DAxxx (xxx=515-540, in steps of 5, 120 cells)
HSM-BD54-DAxxx (xxx=460-485, in steps of 5, 108 cells)
HSM-BE78-GAxxx (xxx=685-720, in steps of 5, 156 cells)
HSM-BE72-GAxxx (xxx=630-660, in steps of 5, 144 cells)
HSM-BE60-GAxxx (xxx=525-550, in steps of 5, 120 cells)
HSM-BD66-GRxxx (xxx=660-710, in steps of 5, 132 cells)
HSM-BD72-GCxxx (xxx=665-710, in steps of 5, 144 cells)
HSM-BD60-GCxxx (xxx=545-590, in steps of 5, 120 cells)
HSM-BD54-GCxxx (xxx=500-530, in steps of 5, 108 cells)
xxx represents output power in Wp

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**Modell** *Type:*

**Bezeichnung** *Designation:*

Remarks:
Fire Rating: Class A or C (according to UL 790, refer to test report for details of corresponding material )
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.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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**Produkt** *Product:*
PV Module

**Fertigungsstätten** *Factories:*

| | |
|---|---|
| 1 | 040-0002159431 |
| 2 | 040-0002509160 |
| 3 | 040-0040968317 |

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