

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50653397 0001

Berichtsnummer Report No.:

CN24ZX32 001

Genehmigungsinhaber License Holder:

HORAY SOLAR CO., LTD

No.30-5,

Yanxin East Road, Huishan District

Wuxi,

214177 Jiangsu

P.R. China

Fertigungsstätte Manufacturing Site:

HORAY SOLAR CO., LTD

No.30-5,

Yanxin East Road, Huishan District

Wuxi,

214177 Jiangsu

P.R. China

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:

2029-11-10

Date of expiry:
Gültig ab:

2024-11-11

Valid from:
Zertifizierungsstelle:
Certification body:

Angela Yao



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

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Precisely Right.

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Zertifikatsnummer *Certificate No.:*

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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 N-type mono c-Si cells:

HSxxxTC-MHO (xxx=560-590, in steps of 5, 144 cells)

HSxxxTC-MHO (xxx=515-540, in steps of 5, 132 cells)

HSxxxTC-MHO (xxx=470-490, in steps of 5, 120 cells)

HSxxxTC-MHO (xxx=420-440, in steps of 5, 108 cells)

HSxxxTC-MHA (xxx=570-590, in steps of 5, 144 cells)

HSxxxTC-MHA (xxx=520-540, in steps of 5, 132 cells)

HSxxxTC-MHA (xxx=475-490, in steps of 5, 120 cells)

HSxxxTC-MHA (xxx=425-445, in steps of 5, 108 cells)

HSxxxTC-MHB (xxx=590-620, in steps of 5, 144 cells)

HSxxxTC-MHB (xxx=540-565, in steps of 5, 132 cells)

HSxxxTC-MHB (xxx=495-515, in steps of 5, 120 cells)

HSxxxTC-MHB (xxx=445-465, in steps of 5, 108 cells)

With 1/2 cut of mono c-Si cells:

HSxxx-MHG (xxx=640-660, in steps of 5, 132 cells)

HSxxx-MHG (xxx=585-600, in steps of 5, 120 cells)

HSxxx-MHG (xxx=535-550, in steps of 5, 110 cells)

HSxxx-MHG (xxx=485-500, in steps of 5, 100 cells)

HSxxx-MHO (xxx=535-560, in steps of 5, 144 cells)

HSxxx-MHO (xxx=495-515, in steps of 5, 132 cells)

HSxxx-MHO (xxx=450-470, in steps of 5, 120 cells)

HSxxx-MHO (xxx=405-420, in steps of 5, 108 cells)

HSxxx-MHL (xxx=445-465, in steps of 5, 144 cells)

HSxxx-MHL (xxx=410-425, in steps of 5, 132 cells)

HSxxx-MHL (xxx=370-385, in steps of 5, 120 cells)

With cut of mono c-Si cell:

HSxxx-MHG (xxx=170-180, in steps of 5, 36 cells)

HSxxx-MHG (xxx=110-120, in steps of 5, 36 cells)

HSxxx-MHG (xxx=80-90, in steps of 5, 36 cells)

HSxxx-MHO (xxx=120-130, in steps of 5, 36 cells)

HSxxx-MHO (xxx=80-90, in steps of 5, 36 cells)

HSxxx-MHO (xxx=60-65, in steps of 5, 36 cells)

HSxxx-MHL (xxx=100-110, in steps of 5, 36 cells)

HSxxx-MHL (xxx=70-75, in steps of 5, 36 cells)

HSxxx-MHL (xxx=50-55, in steps of 5, 36 cells)

xxx represents output power at STC 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.

