

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50633513 0002

**Berichtsnummer Report No.:**

CN24ZMUV 002

**Genehmigungsinhaber License Holder:**

Ningbo Osda Solar Co., Ltd.  
1-1, No.136, Haichuan Road, Jiangbei Area,  
Ningbo City,  
315000 Zhejiang  
P.R. China

**Fertigungsstätte Manufacturing Site:**

2 Fertigungsstätten auf Folgeseiten  
*Listing of 2 factories on following pages*

**Prüfzeichen Test Mark:**

**Gepprüft 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:** 2029-06-17  
*Date of expiry:*
**Gültig ab:** 2024-08-22  
*Valid from:*
**Ausstellungsdatum:** 2024-08-22  
*Date of issue:*
**Zertifizierungsstelle:**  
*Certification body:*


*[Signature]*  
Dipl.-Ing. (FH) Fan He

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)

Fax: +49 221 806-3935

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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

Same as Page 0001

In addition:

New model types:

Max. system voltage (Up to 1500VDC)

With ½ cut of Topcon c-Si cells:

ODAx<sub>xxx</sub>-27V-MHDR<sub>x</sub>, ODA<sub>xxx</sub>-27V-MHDBR<sub>x</sub>

(xxx = 440-465, in steps of 5, 108 cells, P<sub>max@BNPI</sub> = 484-512)

ODAx<sub>xxx</sub>-30V-MHDR<sub>x</sub>, ODA<sub>xxx</sub>-30V-MHDBR<sub>x</sub>

(xxx = 490-515, in steps of 5, 120 cells, P<sub>max@BNPI</sub> = 539-567)

ODAx<sub>xxx</sub>-33V-MHDR<sub>x</sub>, ODA<sub>xxx</sub>-33V-MHDBR<sub>x</sub>

(xxx = 540-565, in steps of 5, 132 cells, P<sub>max@BNPI</sub> = 594-622)

ODAx<sub>xxx</sub>-36V-MHDR<sub>x</sub>, ODA<sub>xxx</sub>-36V-MHDBR<sub>x</sub>

(xxx = 595-620, in steps of 5, 144 cells, P<sub>max@BNPI</sub> = 655-682)

ODAx<sub>xxx</sub>-27V-MHDR<sub>y</sub>, ODA<sub>xxx</sub>-27V-MHDBR<sub>y</sub>

(xxx = 455-495, in steps of 5, 108 cells, P<sub>max@BNPI</sub> = 501-545)

ODAx<sub>xxx</sub>-30V-MHDR<sub>y</sub>, ODA<sub>xxx</sub>-30V-MHDBR<sub>y</sub>

(xxx = 510-550, in steps of 5, 120 cells, P<sub>max@BNPI</sub> = 561-605)

ODAx<sub>xxx</sub>-33V-MHDR<sub>y</sub>, ODA<sub>xxx</sub>-33V-MHDBR<sub>y</sub>

(xxx = 555-605, in steps of 5, 132 cells, P<sub>max@BNPI</sub> = 611-666)

ODAx<sub>xxx</sub>-36V-MHDR<sub>y</sub>, ODA<sub>xxx</sub>-36V-MHDBR<sub>y</sub>

(xxx = 610-660, in steps of 5, 144 cells, P<sub>max@BNPI</sub> = 671-726)

ODAx<sub>xxx</sub>-24V-MHDR<sub>z</sub>, ODA<sub>xxx</sub>-24V-MHDBR<sub>z</sub>

(xxx = 440-465, in steps of 5, 96 cells, P<sub>max@BNPI</sub> = 484-512)

ODAx<sub>xxx</sub>-27V-MHDR<sub>z</sub>, ODA<sub>xxx</sub>-27V-MHDBR<sub>z</sub>

(xxx = 495-520, in steps of 5, 108 cells, P<sub>max@BNPI</sub> = 545-572)

ODAx<sub>xxx</sub>-30V-MHDR<sub>z</sub>, ODA<sub>xxx</sub>-30V-MHDBR<sub>z</sub>

(xxx = 555-580, in steps of 5, 120 cells, P<sub>max@BNPI</sub> = 611-638)

ODAx<sub>xxx</sub>-33V-MHDR<sub>z</sub>, ODA<sub>xxx</sub>-33V-MHDBR<sub>z</sub>

(xxx = 610-640, in steps of 5, 132 cells, P<sub>max@BNPI</sub> = 671-704)

xxx represents output power in Wp



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**Produkt** *Product:*

PV Module

**Fertigungsstätten** *Factories:*

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- 1 Shandong Oushengda New Energy Co., Ltd.  
Intersection of Guanzhuang  
Middle Road and Aeon South  
Road, Zhengwang Town, Hedong District,  
Linyi City  
276028 Shandong  
P.R. China
  
- 2 Ningbo Osda Solar Co., Ltd.  
1-1, No.136, Haichuan Road, Jiangbei Area,  
Ningbo City,  
315000 Zhejiang  
P.R. China

