Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50632490 0001

Berichtsnummer *Report No.:*
CN24LDFA 006

Genehmigungsinhaber *License Holder:*
Win Win Precision Technology
Co., Ltd.
4F., NO.180, Sec/2, Gongdao 5th Road,
East., Dist., Hsinchu City
Taiwan, R.O.C.

Fertigungsstätte *Manufacturing Site:*
13 Fertigungsstätten auf Folgeseiten
Listing of 13 factories on following pages

Prüfzeichen *Test Mark:*

TÜVRheinland CERTIFIED
IEC 61215
IEC 61730
Regular Production Surveillance
www.tuv.com
ID 1111285932

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:* 2029-04-02

Gültig ab: *Valid from:* 2024-05-31

Ausstellungsdatum: *Date of issue:* 2024-05-31

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle

Dipl.-Ing. (FH) Tim Kirschner

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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

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50632490 0001

Berichtsnummer *Report No.:*
CN24LDFA 006

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Max System Voltagerup to 1500 VDC (Voc at STC):
With ½ cut of N-type mono c-Si cells:
WST-xxxNGX-D1 (xxx=535-610, in steps of 5, 144 cells)
WST-xxxNGX-D1 (xxx=460-505, in steps of 5, 120 cells)
WST-xxxNGX-D1 (xxx=405-455, in steps of 5, 108 cells)
WST-xxxNBX72-A1 (xxx=580-620, in steps of 5, 144 cells)
WST-xxxNBX54-A1 (xxx=435-465, in steps of 5, 108 cells)
WST-xxxNCX66-A1 (xxx=585-615, in steps of 5, 132 cells)
WST-xxxNFX54-A1 (xxx=430-460, in steps of 5, 108 cells)
WST-xxxNFX54-B1 (xxx=425-455, in steps of 5, 108 cells)
With ½ cut of mono c-Si cells:
WST-xxxMGX-D1 (xxx=525-565, in steps of 5, 144 cells)
Max System Voltage up to 1500 VDC (Under BNPI):
With ½ cut of N-type mono c-Si cells:
MST-xxxNGX-D1 (xxx=590-665, in steps of 5, 144 cells)
WST-xxxNGX-D1 (xxx=505-550, in steps of 5, 120 cells)
WST-xxxNGX-D1 (xxx=445-495, in steps of 5, 108 cells)
WST-xxxNBX72-A1 (xxx=640-680, in steps of 5, 144 cells)
WST-xxxNBX54-A1 (xxx=480-510, in steps of 5, 108 cells)
WST-xxxNCX66-A1 (xxx=645-675, in steps of 5, 132 cells)
WST-xxxNFX54-A1 (xxx=475-505, in steps of 5, 108 cells)
WST-xxxNFX54-B1 (xxx=465-495, in steps of 5, 108 cells)
With ½ cut of mono c-Si cells:
WST-xxxMGX-D1 (xxx=575-615, in steps of 5, 144 cells)
xxx represents output power in Wp

Remarks:
Fire Rating: Class A (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.
Anychange of the design, materials, components or processing
may require the repetition of some of the qualification tests in orderto
retain type approval.

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50632490 0002

Berichtsnummer *Report No.:*
CN24LDFA 015

Genehmigungsinhaber *License Holder:*
Win Win Precision Technology
Co., Ltd.
4F., NO.180, Sec/2, Gongdao 5th Road,
East., Dist., Hsinchu City
Taiwan, R.O.C.

Fertigungsstätte *Manufacturing Site:*
040-0002146145

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: 2029-04-02
Date of expiry:

Gültig ab: 2024-10-30
Valid from:

Ausstellungsdatum: 2024-10-30
Date of issue:

Zertifizierungsstelle:
Certification body:

Angela Yao

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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 50632490 0002

Berichtsnummer *Report No.:*
CN24LDFA 015

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001

Remarks:
- Manufacturing plant list refer to PV 50625618.

TÜV Rheinland LGA Products GmbH
TÜVRheinland®
Zertifizierungsstelle

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