TÜVRheinland®

Certificate

Registration No.: PV 50192447 **Report No.: 11022948.002**

License Holder:
Win Win Precision Technology Co., Ltd.
3F, No. 96, Hsinho Road
Sinfong Township, Hsinchu County 304

TAIWAN, R.O.C.

Manufacturing Plant:
Win Win Precision Technology Co., Ltd.
3F, No. 96, Hsinho Road
Sinfong Township, Hsinchu County 304

TAIWAN, R.O.C.

Product:
PV Module
Type:
WSP-xxxM6 (xxx = 130, 135, 140, 145, 150)
WSP-xxxM6 (xxx = 180, 185, 190, 195, 200, 205)
WSP-xxxM6 (xxx = 210, 215, 220, 225)
WSP-xxxM6 (xxx = 230, 235, 240, 245, 250)
WSI-xxxM6 (xxx = 130, 135, 140, 145, 150)
WSI-xxxM6 (xxx = 180, 185, 190, 195, 200, 205)
WSI-xxxM6 (xxx = 210, 215, 220, 225)
WSI-xxxM6 (xxx = 230, 235, 240, 245, 250)

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

☒ **Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.

www.tuv.com TÜVRheinland® ID:0000028759

- **Qualified, IEC 61215**
- **Safety tested, IEC 61730**
- **Heavy Snow Load tested**
- **Periodic inspection**

Remarks:
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 11021775.001.

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.
The certificate is valid until 16. November 2015.

TÜV Rheinland LGA Products GmbH TÜVRheinland® Zertifizierungsstelle

Certification body

Daya, 17 November 2010

Dipl.-Ing. Werner Feuker

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg
Contact: + (+49) 221 806-1371 email: cert-validity@de.tuv.com

TÜVRheinland®

Certificate

Registration No.: PV 50192447 **Page 6** **Report No.: 11022948 007**

License Holder:
Win Win Precision Technology Co., Ltd.
3F, No. 96, Hsinho Road
Sinfong Township, Hsinchu County
Taiwan, R.O.C. 304

Manufacturing Plant:
Win Win Precision Technology Co., Ltd.
3F, No. 96, Hsinho Road
Sinfong Township, Hsinchu County
Taiwan, R.O.C. 304

Product:
PV Module
Type:
WSP-xxxM6 (xxx = 155-160 in steps of 5, 36 cells)
WSP-xxxM6 (xxx = 255-270 in steps of 5, 60 cells)
WSI-xxxM6 (xxx = 155-160 in steps of 5, 36 cells)
WSI-xxxM6 (xxx = 255-270 in steps of 5, 60 cells)
WST-xxxM6 (xxx = 130-160 in steps of 5, 36 cells)
WST-xxxM6 (xxx = 180-205 in steps of 5, 48 cells)
WST-xxxM6 (xxx = 210-225 in steps of 5, 54 cells)
WST-xxxM6 (xxx = 230-270 in steps of 5, 60 cells)

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

☒ **Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.

www.tuv.com TÜVRheinland® ID:0000028759

- **Qualified, IEC 61215**
- **Safety tested, IEC 61730**
- **Heavy Snow Load tested**
- **Periodic inspection**

Remarks:
- Additional type designations see above.
- Mechanical Load test was performed at a load of 5400 Pa.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to 1000 VDC.
- Fire Resistance Class C (IEC 61730-2 / MST 23) is valid for additional and original (page 1-4) type designations.
- The details of the factory inspection are documented in report no. 11021775 002.

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.
The certificate is valid until 16 November 2015.

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle TÜVRheinland®

Certification body

21. August 2012

Dipl.-Ing. M. Kröger

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg
Contact: (+49) 221 806-1371 email: cert-validity@de.tuv.com