

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN **Horay Rights** 0001

Report No.: CN22NKK2 001

Holder: **HORAY SOLAR CO., LTD**
No.30-5,
Yanxin East Road, Huishan District
Wuxi,
214177 Jiangsu
P.R. China

Product: PV Module

Identification:

Type Designation:
Max. System Voltage: up to 1500 VDC (Voc at STC):
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)
See more type designations in attachment 1.1

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 11.05.2022



Dipl.-Ing. (FH) Tim Kirschner

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. **CE**

TÜV Rheinland
LGA Products GmbH
Tillystraße 2, 90431 Nürnberg

**Attachment to
Registration No.:** AN Horay Rights 0001
Report No.: CN22NKK2 001

Manufacturer: HORAY SOLAR CO., LTD
No.30-5,
Yanxin East Road, Huishan District
Wuxi,
214177 Jiangsu
P.R. China

Scope: Type Designation:
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)

Remarks:
Valid in conjunction with TÜV Rheinland certificate
PV 50542220 0001-0002.

Date: 2022-05-11



Dipl.-Ing. (FH) Tim Kirschner

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN **Horay Rights** 0001

Report No.: CN22N95B 001

Holder: **HORAY SOLAR CO., LTD**
No.30-5,
Yanxin East Road, Huishan District
Wuxi,
214177 Jiangsu
P.R. China

Product: PV Module

Identification:

Type Designation:
Max. System Voltage: up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cell with cell size (Under STC)
HSxxx-MHG-D (xxx=640-660, in steps of 5, 132 cells)
HSxxx-MHG-D (xxx=585-600, in steps of 5, 120 cells)
HSxxx-MHG-D (xxx=535-550, in steps of 5, 110 cells)
See more type designations in attachment 1.1

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 24.06.2022




Dipl.-Ing. Matthias Grzam

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with.



TÜV Rheinland
LGA Products GmbH
Tillystraße 2, 90431 Nürnberg

1.1

**Attachment to
Registration No.:** AN Horay Rights 0001
Report No.: CN22N95B 001

Manufacturer: HORAY SOLAR CO., LTD
No.30-5,
Yanxin East Road, Huishan District
Wuxi,
214177 Jiangsu
P.R. China

Scope: Type Designation:
HSxxx-MHG-D (xxx=485-500, in steps of 5, 100 cells)
HSxxx-MHO-D (xxx=535-560, in steps of 5, 144 cells)
HSxxx-MHO-D (xxx=495-515, in steps of 5, 132 cells)
HSxxx-MHO-D (xxx=450-470, in steps of 5, 120 cells)
HSxxx-MHO-D (xxx=405-420, in steps of 5, 108 cells)
HSxxx-MHL-D (xxx=445-465, in steps of 5, 144 cells)
HSxxx-MHL-D (xxx=410-425, in steps of 5, 132 cells)
HSxxx-MHL-D (xxx=370-385, in steps of 5, 120 cells)
With 1/2 cut of mono c-Si cell with cell size (Under BNPI)
HSxxx-MHG-D (xxx=701-723, in steps of 5, 132 cells)
HSxxx-MHG-D (xxx=641-657, in steps of 5, 120 cells)
HSxxx-MHG-D (xxx=586-602, in steps of 5, 110 cells)
HSxxx-MHG-D (xxx=531-548, in steps of 5, 100 cells)
HSxxx-MHO-D (xxx=586-613, in steps of 5, 144 cells)
HSxxx-MHO-D (xxx=542-564, in steps of 5, 132 cells)
HSxxx-MHO-D (xxx=493-515, in steps of 5, 120 cells)
HSxxx-MHO-D (xxx=443-460, in steps of 5, 108 cells)
HSxxx-MHL-D (xxx=487-509, in steps of 5, 144 cells)
HSxxx-MHL-D (xxx=449-465, in steps of 5, 132 cells)
HSxxx-MHL-D (xxx=405-422, in steps of 5, 120 cells)



Date: 2022-06-24

Dipl.-Ing. Matthias Grzam