Ref. Certif. No.

DE 2-043983

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Photovoltaic (PV) Module(s)
Name and address of the applicant	Huansheng Photovoltaic (Jiangsu) Co., Ltd. No.20 Wenzhuang Road, Economic Development Zone, Yixing, 214203 Jiangsu, P.R. China
Name and address of the manufacturer	Huansheng Photovoltaic (Jiangsu) Co., Ltd. No.20 Wenzhuang Road, Economic Development Zone, Yixing, 214203 Jiangsu, P.R. China
Name and address of the factory	See additional page(s)
Ratings and principal characteristics	Max. system voltage (Up to 1500VDC), Class II for other ratings, refer to the test report
Trademark (if any)	TCL SOLAR
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	With 1/2 cut of mono c-Si cells: HSM-ND66-GKxxx (xxx=685-725, in steps of 5, 132 cells, Pmax@BNPI=757-801) HSM-ND66-GRxxx (xxx=595-625, in steps of 5, 132 cells, Pmax@BNPI=657-690) HSM-ND78-GFxxx (xxx=615-645, in steps of 5, 156 cells, Pmax@BNPI=678-711) For other models, refer to page 2
Additional information (if necessary may also be reported on page 2)	
A sample of the product was tested and found to be in conformity with	IEC 61730-2:2023 IEC 61730-1:2023
As shown in the Test Report Ref. No. which forms part of this Certificate	CN244BHB 001

This CB Test Certificate is issued by the National Certification Body

TÜVRheinland®

TÜV Rheinland LGA Products GmbH
Tillystr. 2, 90431 Nürnberg, Germany
Phone + 49 221 806-1371
Fax + 49 221 806-3935
Mail: cert-validity@de.tuv.com
Web : www.tuv.com

Date: 2025-02-28

Signature: Dipl.-Ing. (FH) Fan He

10/0861 CB 06/2019 rk

Disclaimer: This is an electronically released document. The authenticity of this certificate can be verified on the IECEE Website "http://certificates.iecee.org"

1. Huansheng new energy (Tianjin) Co., Ltd
   No. 750, Shenzhou Avenue,
   South District of future science and
   Technology City, Binhai high tech Zone,
   Tianjin, P.R. China

2. Huansheng New Energy (Jiangsu)
   Co.,LTD
   West of Bianzhuang Village Road,
   Economic and Technological
   Development Zone, Yixing, Jiangsu, P.R. China

Additional information (if necessary) Report Ref. No. : CN244BHB 001

HSM-ND72-GFxxx
(xxx=570-605, in steps of 5, 144 cells, Pmax@BNPI=629-667)
HSM-ND54-GRxxx
(xxx=485-515, in steps of 5, 108 cells, Pmax@BNPI=534-567)
HSM-ND54-DRxxx
(xxx=480-510, in steps of 5, 108 cells, Pmax@BNPI=526-558)
HSM-ND48-GRxxx
(xxx=430-455, in steps of 5, 96 cells, Pmax@BNPI=473-501)
HSM-ND48-DRxxx
(xxx=430-450, in steps of 5, 96 cells, Pmax@BNPI=471-493)

Date: 2025-02-28 Signature: Dipl.-Ing. (FH) Fan He

10/061a CB 06/20v3 rk

Disclaimer: This is an electronically released document. The authenticity of this certificate can be verified on the IECEE Website "http://certificates.iecee.org"