



# C E R T I F I C A T E

**Certificate No. 17-PPV-000000816/04-TIC**

**WE HEREBY DECLARE THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL**

**Cigs-3450A1  
(Tested Type)**

**And with Types extended for similarity<sup>(\*)</sup>  
- See Annex -**

**MANUFACTURER & LICENSE HOLDER  
ETERBRIGHT SOLAR CORPORATION**

No. 442-1, Zhonghua Rd., Toufen City, Miaoli County 351, Taiwan

**IS IN COMPLIANCE WITH THE REQUIREMENTS SET OUT IN CERTIFICATION PROGRAM  
TIC-PR-PC-08-Annex 13 Product certification scheme PV**

**IEC 62716:2013<sup>(\*\*)</sup>**

Ammonia corrosion testing of photovoltaic (PV) modules  
7 Ammonia resistance test  
4.2 Bypass diode functionality test

**IEC 61646:2008**

Thin-film terrestrial photovoltaic (PV) modules – Design  
qualification and type approval  
10.2 Maximum power determination  
10.15 Wet leakage current test

**IEC 61730-2:2004 + A1:2011**

Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing  
MST 01 Visual inspection  
MST 16 Dielectric withstand test  
MST 13 Ground continuity test

**AS RESULT OF THE TEST CARRIED OUT BY ALBARUBENS LAB  
ACCREDITED BY ACCREDIA no. 0951  
REPORT No. TIC-AR17TEST051**

**Expiring date 26.04.2022**

*(Providing that the testing basis continues unchanged)*

**Notes:** (\*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type Cigs-3450A1. Further details on certified models are reported on the annex. Technical data, materials and components description are into the indicated test reports. (\*\*) This standard is out of the accredited scope of the laboratory. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as complete certification. This certificate is for type approval and based on voluntarily product test and with Factory Inspection. This certificate is valid and can be used only with its annex



Deutsche  
Akkreditierungsstelle  
D-ZE-16012-01-00



Bonn, 27.04.2017



Ing. K. Lindenblatt

TÜV INTERCERT Certification Body

CERTIFICATE ■ CERTIFICATO ■ ZERTIFIKAT ■ SERTIFIKA ■ CERTIFICADO ■ گواهینامه ■ ΠΙΣΤΟΠΟΙΗΤ

