



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

**Certificate No. 17-PPV-00000816/05-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 61701:2011 – Severity 6<sup>(\*\*)</sup>**

Salt mist corrosion testing of photovoltaic (PV) modules. Salt mist corrosion

**AS RESULT OF THE TEST CARRIED OUT BY TERTEC LAB  
ACCREDITED BY TAF no. 1126  
REPORT No. TIC-PVR20170005**

**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



Bonn, 27.04.2017



Ing. K. Lindenblatt

TÜV INTERCERT Certification Body

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



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

## Annex of Certificate No. 17-PPV-00000816/05-TIC

### THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power [W]
Cigs-3450A1	330	1204x5.5mm	CIGS Thin Film	345

Types extended for similarity\* with TYPE Thin Film technology without need of re-testing  
(according to IEC61215 "Retesting guideline"):

Type	Cell Number	Cell Size	Power [W]
Cigs-XXXXA1* XXXX from 3150 to 3750 with 25 step	330	1204x5.5mm	from 315W to 375W with 2.5W step
Cigs-XXXXE1* XXXX from 3150 to 3750 with 25 step	330	1204x5.5mm	from 315W to 375W with 2.5W step
Cigs-XXXXA1* XXXX from 2100 to 2600 with 25 step	220	1204x5.5mm	from 210W to 260W with 2.5W step
Cigs-XXXXE1* XXXX from 2100 to 2600 with 25 step	220	1204x5.5mm	from 210W to 260W with 2.5W step
Cigs-XXXXA1* XXXX from 1050 to 1250 with 25 step	110	1204x5.5mm	from 105W to 125W with 2.5W step
Cigs-XXXXE1* XXXX from 1050 to 1250 with 25 step	110	1204x5.5mm	from 105W to 125W with 2.5W step

Notes: (\*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type Cigs-3450A1. Technical data, materials and components description are into the indicated test reports. 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 annex is valid and can be used only with its certificate.



*Handwritten signature*

Bonn, 27.04.2017

Ing. K. Lindenblatt  
TÜV INTERCERT Certification Body