

# CERTIFICATE PV/15/BRU/00044



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<b>Order number:</b>	<b>Test report reference:</b>	<b>Issue date:</b>	<b>Certificate is valid until:</b>
614783/01	SHES140800376401 SHES140800376402 SHES140800376403	2015-01-22	2020-01-22

**License Holder:**

Topsun Energy Limited  
B-101, Sector-25, Electronic Estate  
Gandhinagar, Gujarat  
INDIA Pin-382028

**Manufacturing Plant:**

Topsun Energy Limited  
R.S. No-892, Nr 66KVA Substation  
Jagudan Cross Road, Linch, At & Post-Linch  
Ta & Di-Mehsana-384435, Gujarat, INDIA

**Tested according to:**

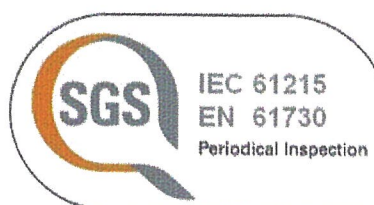
IEC 61215:2005 (ed.2.0) / EN 61215:2005

IEC 61730-1:2013 (ed. 1.2) / EN 61730-1:2007

IEC 61730-2:2012 (ed. 1.1) (\*\*) / EN 61730-2:2007

Note \*\* : except MST 23 fire test

**Licensed Test Mark:**



The evaluated samples of the product fulfil the requirements of the above listed standards.  
The manufacturing process has been inspected prior to certification and is subject to regular supervision by SGS Group affiliates.  
The license holder is authorized to mark the described product with the SGS Solar mark as shown above.

**Certified Product:**

**crystalline silicon terrestrial photovoltaic (PV) modules**

**Type designations:**

TEL24P\*\*\* (\*\*=115 to 320, in steps of 5W, 72 cells)  
TEL24P\*\* (\*\*=10, 72 cells)  
TEL18P\*\*\* (\*\*=200 to 250, in steps of 5W, 60 cells)  
TEL18P\*\* (\*\*=50, 60 cells)  
TEL54P\*\*\* (\*\*=200 to 240, in steps of 5W, 54 cells)  
TEL48P\*\*\* (\*\*=160 to 200, in steps of 5W, 48 cells)  
TEL12P\*\*\* (\*\*=100 to 250, in steps of 5W, 36 cells)  
TEL12P\*\* (\*\*=12, 18, 24, 37, 74 or 10 to 95, in steps of 5W, 36 cells)  
TEL12P\* (\*=3, 5, 6 or 8, 36 cells)  
TEL6P\* (\*=3 or 5, 18 cells)

**Certification body for products**

**SGS Belgium NV - Division SGS CEBEC**

Riverside Business Park, Avenue Internationale 55, Build. D, B-1070 Brussels, Belgium  
certificates@sgs.com • <http://www.ee.sgs.com/sgs-photovoltaic-certification.htm>

Calogero Lana



NCB SGS Belgium N.V. - Division SGS-CEBEC is a Photovoltaics Member in the Worldwide System for Conformity Testing and Certification of Electrotechnical Equipment and Components (IECEE). Please see <http://www.iecee.org/pv/html/pvcntris.htm>

This certificate is issued by the company under its General Conditions for Certification Services accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

The test mark regulation is an integral part of this certificate.  
Please refer to the latest version at <http://www.ee.sgs.com>

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## Trademarks:



## Technical Data:

Further Details of certified solar modules are reported on the test report.

## Remarks:

The certificate is for type approval and based on voluntarily product test. Any changes to the design, materials, components or processing may require repetition of some of the qualification tests in order to retain type approval. The certificate is limited to the tested prototypes.

## Certification body for products

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