

# Certificate

Registration No.: PV 50186051

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Report No.: 12606725 091

**License Holder:**

**China Sunergy (Nanjing) CO., Ltd**  
NO. 123, Focheng West Road  
Jiangning Economic &  
Technical Development Zone  
Nanjing, 211100, P.R. China

**Product:**

PV Module

Addition

Type:

SST/CSUNxxx-72M-BB, xxx=170-215 in steps of 5W  
SST/CSUNxxx-72M-BB, xxx=255-320 in steps of 5W  
SST/CSUNxxx-60M-BB, xxx=210-270 in steps of 5W  
SST/CSUNxxx-54M-BB, xxx=190-240 in steps of 5W  
SST/CSUNxxx-48M-BB, xxx=175-215 in steps of 5W  
SST/CSUNxxx-36M-BB, xxx=130-160 in steps of 5W  
SST/CSUNxxx-72P-BB, xxx=255-305 in steps of 5W  
SST/CSUNxxx-60P-BB, xxx=210-255 in steps of 5W  
SST/CSUNxxx-54P-BB, xxx=190-230 in steps of 5W  
SST/CSUNxxx-48P-BB, xxx=175-205 in steps of 5W  
SST/CSUNxxx-36P-BB, xxx=130-150 in steps of 5W

**Manufacturing Plant:**

**CSUN Eurasia Energy Systems Industry  
and Trade Inc.**

Istanbul Industrial & Free Trade Zone  
Akif Kopuz St. No: T-10, B Block  
1st floor, Aydinli-Tuzla  
34957 ISTANBUL, Turkey

**Basis:**

**IEC 61215:2005**  
**EN 61215:2005**  
"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"

**Factory Inspection**  
To document the consistent quality of  
the product factory inspections are  
performed periodically.



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ID 0000024764

**Remarks:**

- Additional type designations see above.
- Additional Factory see above.
- Mechanical load at 5,400 Pa has been performed on a representative model of all above listed SST/CSUN Series.

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid for 5 years from the date of issue stated on page 1.**



**Certification body**



Kengo Morita

Yokohama, 11 September 2013

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan

# Certificate

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Report No.: 12606725 092

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**China Sunergy (Nanjing) CO., Ltd**  
NO. 123, Focheng West Road  
Jiangning Economic &  
Technical Development Zone  
Nanjing, 211100, P.R. China

**Product:**

PV Module

Addition

Type:

SST/CSUNxxx-72M-BB, xxx=170-215 in steps of 5W  
SST/CSUNxxx-72M-BB, xxx=255-320 in steps of 5W  
SST/CSUNxxx-60M-BB, xxx=210-270 in steps of 5W  
SST/CSUNxxx-54M-BB, xxx=190-240 in steps of 5W  
SST/CSUNxxx-48M-BB, xxx=175-215 in steps of 5W  
SST/CSUNxxx-36M-BB, xxx=130-160 in steps of 5W  
SST/CSUNxxx-72P-BB, xxx=255-305 in steps of 5W  
SST/CSUNxxx-60P-BB, xxx=210-255 in steps of 5W  
SST/CSUNxxx-54P-BB, xxx=190-230 in steps of 5W  
SST/CSUNxxx-48P-BB, xxx=175-205 in steps of 5W  
SST/CSUNxxx-36P-BB, xxx=130-150 in steps of 5W

**Manufacturing Plant:**

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34957 ISTANBUL, Turkey

**Basis:**

- IEC 61730-1:2004**  
**IEC 61730-2:2004**  
**EN 61730-1:2007**  
**EN 61730-2:2007**  
"Photovoltaic (PV) module safety  
qualification"



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- Factory Inspection**  
To document the consistent quality of  
the product factory inspections are  
performed periodically.

**Remarks:**

- Additional type designations see above.
- Additional Factory see above.
- IEC EN 61730 consists of part 1 ( Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II ). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The above listed SST/CSUN series fulfil the requirement of fire rating class C for components and materials specified in the test report.

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid for 5 years from the date of issue stated on page 1.**



**Certification body**



**Kengo Morita**

Yokohama, 11 September 2013