

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50606014 0001

**Berichtsnummer Report No.:**

CN23SHR7 001

**Genehmigungsinhaber License Holder:**

Sany Silicon Energy (Zhuzhou)  
Co., Ltd.  
Room 518-50, Building 1, Longxin  
International, No.255, Tongxia Road,  
Tongtangwan Street, Shifeng District  
Zhuzhou City,  
412005 Hunan  
P.R. China

**Fertigungsstätte Manufacturing Site:**

Sany Silicon Energy (Zhuzhou) Co., Ltd.  
Sany Energy Equipment Industrial Park,  
No.320 Qingshui Road, Shifeng District,  
Zhuzhou City,  
412005 Hunan  
P.R. China

**Prüfzeichen Test Mark:**


PID Resistance  
Regular  
Production  
Surveillance

www.tuv.com  
ID 1111276485

**Geprüft nach Tested according to:**

2 PfG 2387/01.18

**Geräteidentifikation**
*Product Identification*
**Produkt:**

PV Module

*Product:*
**Modell:**

Modelle sind auf nächste(r) Seite(n) gelistet

*Type:*

Type designation(s) are listed on the next page(s)

**Technische Daten:**

Class II acc. to IEC 61140

*Technical Data:*

For other ratings, refer to the test report.

**Gültig bis:**

2028-10-12

*Date of expiry:*
**Gültig ab:**

2023-11-09

*Valid from:*
**Zertifizierungsstelle:**
*Certification body:*
**Ausstellungsdatum:**

2023-11-09

*Date of issue:*

  
Dipl.-Ing. (FH) Tim Kirschner



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

[www.tuv.com](http://www.tuv.com)

 **TÜVRheinland®**  
Precisely Right.

# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

PV 50606014 0001

**Berichtsnummer** *Report No.:*

CN23SHR7 001

**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

With ½ cut of mono c-Si cells:

SYMN144TBDxxx (xxx=555-580, in steps of 5, 144 cells)

SYMN120TBDxxx (xxx=455-475, in steps of 5, 120 cells)

SYMN108TBDxxx (xxx=415-435, in steps of 5, 108 cells)

xxx represents output power in Wp

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50587008 0001 and only for the material combination as listed in the above mentioned test report.
- Test condition also fulfill the specification listed in IEC TS 62804-1:2015.

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.

