

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

# CERTIFICATE

No. Z2 082429 0145 Rev. 13

**Holder of Certificate:** Risen Energy Co.,Ltd  
Meilin, Ninghai,  
315609 Ningbo, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** Crystalline Silicon Terrestrial Photovoltaic (PV) Modules  
Mono-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 704061704311-17

**Valid until:** 2025-03-22

**Date,** 2020-03-26

( Zhulin Zhang )



Product Service

# CERTIFICATE

No. Z2 082429 0145 Rev. 13

## Model(s):

RSM72-6-xxxM, xxx=330 to 405 in step of 5  
 RSM60-6-xxxM, xxx=275 to 340 in step of 5  
 RSM156-6-xxxM, xxx=410 to 445 in step of 5  
 RSM144-6-xxxM, xxx=350 to 415 in step of 5  
 RSM144-6-xxxM, xxx=425 to 450 in step of 5  
 RSM144-7-xxxM, xxx=425 to 450 in step of 5  
 RSM132-6-xxxM, xxx=320 to 380 in step of 5  
 RSM120-6-xxxM, xxx=295 to 350 in step of 5  
 RSM120-6-xxxM, xxx=355 to 375 in step of 5  
 RSM120-7-xxxM, xxx=355 to 375 in step of 5  
 RSM150-8-xxxM, xxx=465 to 505 in step of 5  
 xxx is standing for rated output power at STC

## Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500V DC
Fire Safety Class:	Class C according to UL790 Yangzhou Opto-Electrical Products Testing Institute, No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.
Test Laboratory:	

## Tested according to:

IEC 61215-1:2016  
 IEC 61215-1-1:2016  
 IEC 61215-2:2016  
 IEC 61730-1:2016  
 IEC 61730-2:2016  
 EN 61215-1:2016  
 EN 61215-1-1:2016  
 EN 61215-2:2017  
 EN IEC 61730-1:2018  
 EN IEC 61730-1:2018/AC:2018-06  
 EN IEC 61730-2:2018  
 EN IEC 61730-2:2018/AC:2018-06

## Production Facility(ies):

082429, 101449, 094163, 083073, 106291

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## CE Declaration of Conformity

### Directive 2014/35/EU (Low Voltage)



#### Issuer's name and address:

Risen Energy Co., Ltd

Meilin, Ninghai, 315609 Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA.

Tel: 0086 574 5995 3588

**Product:** Crystalline silicon photovoltaic modules

#### Type designation:

RSM72-6-xxxMDG, xxx=315 to 385 in step of 5, RSM60-6-xxxMDG, xxx=265 to 320 in step of 5, RSM144-6-xxxMDG, xxx=350 to 415 in step of 5, RSM132-6-xxxMDG, xxx=320 to 380 in step of 5, RSM120-6-xxxMDG, xxx=295 to 350 in step of 5, RSM72-6-xxxBMDG, xxx=340 to 385 in step of 5, RSM60-6-xxxBMDG, xxx=280 to 325 in step of 5, RSM144-6-xxxBMDG, xxx=360 to 415 in step of 5, RSM132-6-xxxBMDG, xxx=330 to 380 in step of 5, RSM120-6-xxxBMDG, xxx=300 to 350 in step of 5, RSM156-6-xxxBHDG, xxx=435 to 465 in step of 5, RSM144-6-xxxBHDG, xxx=400 to 430 in step of 5, RSM120-6-xxxBHDG, xxx=330 to 360 in step of 5, RSM144-7-xxxBMDG, xxx=425 to 455 in step of 5, RSM132-7-xxxBMDG, xxx=390 to 420 in step of 5, RSM120-7-xxxBMDG, xxx=355 to 380 in step of 5, RSM144-6-xxxBMDG, xxx=425 to 455 in step of 5, RSM132-6-xxxBMDG, xxx=390 to 420 in step of 5, RSM120-6-xxxBMDG, xxx=355 to 380 in step of 5, RSM150-8-xxxBMDG, xxx=465 to 510 in step of 5, RSM90-8-xxxBMDG, xxx= 285 to 300 in step of 5, RSM144-9-xxxBMDG, xxx=520 to 550 in step of 5, RSM132-9-xxxBMDG, xxx= 480 to 505 in step of 5, RSM120-9-xxxBMDG,xxx=435 to 460 in step of 5, RSM120-8-xxxBMDG, xxx= 560 to 610 in step of 5, RSM110-8-xxxBMDG, xxx=530 to 560 in step of 5, RSM80-8-xxxBMDG, xxx= 380 to 405 in step of 5, RSM132-8-xxxBMDG, xxx= 640 to 670 in step of 5, RSM72-6-xxxM, xxx=330 to 405 in step of 5, RSM60-6-xxxM, xxx=275 to 340 in step of 5, RSM156-6-xxxM, xxx=410 to 455 in step of 5, RSM156-6-xxxMB, xxx=410 to 455 in step of 5, RSM144-6-xxxM, xxx=350 to 420 in step of 5, RSM144-6-xxxMB, xxx=350 to 420 in step of 5, RSM144-6-xxxM, xxx=425 to 450 in step of 5, RSM144-7-xxxM, xxx=425 to 450 in step of 5, RSM144-7-xxxMB, xxx=425 to 450 in step of 5, RSM132-6-xxxM, xxx=320 to 385 in step of 5,

RSM132-6-xxxMB, xxx=320 to 385 in step of 5, RSM120-6-xxxM, xxx=295 to 350 in step of 5,  
RSM120-6-xxxMB, xxx=295 to 350 in step of 5, RSM120-6-xxxM, xxx=355 to 375 in step of 5,  
RSM120-7-xxxM, xxx=355 to 375 in step of 5, RSM120-7-xxxMB, xxx=355 to 375 in step of 5,  
RSM150-8-xxxM, xxx=465 to 515 in step of 5, RSM150-8-xxxMB, xxx=465 to 515 in step of 5,  
RSM40-8-xxxM, xxx=385 to 415 in step of 5, RSM40-8-xxxMB, xxx=385 to 415 in step of 5,  
RSM144-9-xxxM, xxx=525 to 555 in step of 5, RSM144-9-xxxMB, xxx=525 to 555 in step of 5,  
RSM132-9-xxxM, xxx=485 to 510 in step of 5, RSM132-9-xxxMB, xxx=485 to 510 in step of 5,  
RSM120-9-xxxM, xxx=440 to 465 in step of 5, RSM120-9-xxxMB, xxx=440 to 465 in step of 5,  
RSM120-8-xxxM, xxx=580 to 610 in step of 5, RSM120-8-xxxMB, xxx=580 to 610 in step of 5,  
RSM110-8-xxxM, xxx=530 to 560 in step of 5, RSM110-8-xxxMB, xxx=530 to 560 in step of 5.  
xxx is standing for rated output power at STC

The designated product is in conformity with the European Directive: 2014/35/EU  
Council Directive on the harmonization of the laws of the Member States relating to electrical  
equipment designed for use within certain voltage limits.

The technical documentation and full compliance with the standards listed below proved the  
conformity of the product with the requirements of the above-mentioned EC Directive:

EN IEC 61730-1:2018

EN IEC 61730-1:2018/AC:2018-06

EN IEC 61730-2:2018

EN IEC 61730-2:2018/ AC:2018-06

The institute TUV SUD Product Service GmbH, Ridlerstrasse 65, 80339 Munich (Germany) has tested  
and certified the product.

Certificate No.: Z2 082429 0132 Rev. 14 & Z2 082429 0145 Rev. 18

Ninghai

March 16<sup>th</sup>, 2021

Risen Certification and Project Management Department





Management Service

# CERTIFICATE

The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that

**Risen Energy (Changzhou) Co., Ltd.**  
No.1, Shuinan Road, Industrial Concentration Area, Zhixi Town, Jintan  
District, Changzhou City, Jiangsu Province, P. R. China  
Post Code: 213251

Unified social credit code: 91320413MA1UTX3M39

has established and applies  
a Quality Management System for

**Design, Manufacture and Provision of Crystalline Silicon Solar Cells;  
Manufacture and Provision of Crystalline Silicon PV Modules.**

An audit was performed, Order No. **7482293943**.

Proof has been furnished that the requirements  
according to

**ISO 9001:2015**

are fulfilled.

The certificate is valid in conjunction  
with main-certificate from **2020-09-01** until **2023-10-31**.

The certified organization shall undergo and pass  
the regular surveillance audit to maintain the validity of this certificate.

Certificate Registration No.: **12 100 60471/02 TMS**.

Information about this certificate can be inquired at the official website  
of Certification and Accreditation Administration of the People's Republic of China ([www.cnca.gov.cn](http://www.cnca.gov.cn)).

Product Compliance Management  
Munich, 2020-08-27



CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

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Management Service

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The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that

**Risen Energy (Changzhou) Co., Ltd.**  
No.1, Shuinan Road, Industrial Concentration Area, Zhixi Town, Jintan  
District, Changzhou City, Jiangsu Province, P. R. China  
Post Code: 213251

has established and applies  
an Environmental Management System for

**Design, Manufacture and Provision of Crystalline Silicon Solar Cells;  
Manufacture and Provision of Crystalline Silicon PV Modules.**

An audit was performed, Order No. **7482293943**.

Proof has been furnished that the requirements  
according to

**ISO 14001:2015**

are fulfilled.

The certificate is valid in conjunction  
with main-certificate from **2020-09-01** until **2023-10-31**.

Certificate Registration No.: **12 104 60471/02 TMS**.

Product Compliance Management  
Munich, 2020-08-27



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