

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Risen Energy Co., Ltd.

Tashan Industry Zone, Meilin Town, Ninghai County
Ningbo City, Zhejiang Province, 315609
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:



Description of product (details see Annex 2):

PV Modules with 6" Mono-crystalline Silicon Solar Cells

PV Modules with 7" Mono-crystalline Silicon Solar Cells

PV Modules with 8" Mono-crystalline Silicon Solar Cells

PV Modules with 6" Poly-crystalline Silicon Solar Cells

PV Modules with 6" Cast Mono-crystalline Silicon Solar Cells

Valid until: 2026-07-26

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 62716:2013 / EN 62716:2013 + AC:2014.
Registered No.:	44 780 19 406749 - 391R7A1M7
Manufacturer:	see Annex 1
Test Report No.:	492010677.019
File No.:	PVP05006/21P-01



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Certification Body
Consumer Products



Essen, 2021-08-02

Please also pay attention to the information stated overleaf.

Manufacturer:

Manufacturer 1: **Risen Energy Co., Ltd.**
No.23 Middle, Xingke Road, Ninghai, 315609,
Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.: 862010150.009

Manufacturer 2: **Risen Energy (CHANGZHOU) Co., Ltd.**
No.1, Shuinan Road, Industrial Concentration Area, Zhixi Town,
Jintan District, 213251, Changzhou City, PEOPLE'S REPUBLIC OF
CHINA
Factory inspection report no.: 862010430.002

Manufacturer 3: **Risen Energy (YIWU) Co., Ltd.**
No.599 Sufu Road, Suxi Town, Yiwu City, Zhejiang Province, China
Factory inspection report no.: 862010464.002

Manufacturer 4: **Risen Energy (Anhui) Co., Ltd.**
Chuzhou Avenue, Economic and Technological Development Zone,
239000 Chuzhou City, Anhui Province, PEOPLE'S REPUBLIC OF
CHINA
Factory inspection report no.: 862010547.001

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



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Description of product(s):

Module types:

PV Modules with 6" Mono-crystalline Silicon Solar Cells

72 cells: RSM72-6-xxxM (xxx=330 - 405, in increments of 5)
60 cells: RSM60-6-xxxM (xxx=275 - 340, in increments of 5)
156 cells: RSM156-6-xxxM (xxx=410 - 455, in increments of 5)
156 cells: RSM156-6-xxxMB (xxx=410 - 455, in increments of 5)
144 cells: RSM144-6-xxxM (xxx=350 - 450, in increments of 5)
144 cells: RSM144-6-xxxMB (xxx=350 - 450, in increments of 5)
132 cells: RSM132-6-xxxM (xxx=320 - 385, in increments of 5)
132 cells: RSM132-6-xxxMB (xxx=320 - 385, in increments of 5)
120 cells: RSM120-6-xxxM (xxx=295 - 375, in increments of 5)
120 cells: RSM120-6-xxxMB (xxx=295 - 375, in increments of 5)
144 cells: RSM144-7-xxxM (xxx=425 - 465, in increments of 5)
144 cells: RSM144-7-xxxMB (xxx=425 - 465, in increments of 5)
120 cells: RSM120-7-xxxM (xxx=355 - 375, in increments of 5)
120 cells: RSM120-7-xxxMB (xxx=355 - 375, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

20A

Application class:

Class A

Electrical protection class:

Class II

Module types:

PV Modules with 7" Mono-crystalline Silicon Solar Cells

144 cells: RSM144-9-xxxM (xxx=525 - 555, in increments of 5)
144 cells: RSM144-9-xxxMB (xxx=525 - 555, in increments of 5)
132 cells: RSM132-9-xxxM (xxx=485 - 510, in increments of 5)
132 cells: RSM132-9-xxxMB (xxx=485 - 510, in increments of 5)
120 cells: RSM120-9-xxxM (xxx=440 - 465, in increments of 5)
120 cells: RSM120-9-xxxMB (xxx=440 - 465, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

25A

Application class:

Class A

Electrical protection class:

Class II



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Module types:

PV Modules with 8" Mono-crystalline Silicon Solar Cells

150 cells: RSM150-8-xxxM (xxx=465 - 515, in increments of 5)
150 cells: RSM150-8-xxxMB (xxx=465 - 515, in increments of 5)
40 cells: RSM40-8-xxxM (xxx=385 - 415, in increments of 5)
40 cells: RSM40-8-xxxMB (xxx=385 - 415, in increments of 5)
120 cells: RSM120-8-xxxM (xxx=575 - 610, in increments of 5)
120 cells: RSM120-8-xxxMB (xxx=575 - 610, in increments of 5)
110 cells: RSM110-8-xxxM (xxx=525 - 560, in increments of 5)
110 cells: RSM110-8-xxxMB (xxx=525 - 560, in increments of 5)
132 cells: RSM132-8-xxxM (xxx=635 - 670, in increments of 5)
132 cells: RSM132-8-xxxMB (xxx=635 - 670, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

20A or 30A

Application class:

Class A

Electrical protection class:

Class II

Module types:

PV Modules with 6" Poly-crystalline Silicon Solar Cells:

72 cells: RSM72-6-xxxP (xxx=315 - 355 in increments of 5)
60 cells: RSM60-6-xxxP (xxx=260 - 295, in increments of 5)
144 cells: RSM144-6-xxxP (xxx=330 - 365, in increments of 5)
120 cells: RSM120-6-xxxP (xxx=275 - 305, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

20A

Application class:

Class A

Electrical protection class:

Class II



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Module types:

PV Modules with 6"Cast Mono-crystalline Silicon Solar Cells:

72 cells: RSM72-6-xxxP (xxx=360 - 395, in increments of 5)

60 cells: RSM60-6-xxxP (xxx=300 - 330, in increments of 5)

144 cells: RSM144-6-xxxP (xxx=370 - 400, in increments of 5)

132 cells: RSM132-6-xxxP (xxx=340 - 370, in increments of 5)

120 cells: RSM120-6-xxxP (xxx=310 - 335, in increments of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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