

VERIFICATION OF COMPLIANCE

No.: SHES2305008241PV

Applicant: Risen Energy Co., Ltd.
Meilin, Ninghai, 315609, Ningbo, Zhejiang,
PEOPLE'S REPUBLIC OF CHINA

Manufacturer: Risen Energy (Changzhou) Co., Ltd.
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Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF
CHINA

Product Name: Photovoltaic Modules

Model No.: Refer to page 2

Trade Mark:



Van Hua
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Laboratory Technical Manager
SGS-CSTC

2023-12-05



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Member of SGS Group (Société Générale de Surveillance)

No.: SHES2305008241PV

Rating: Refer to page 2

Protection against Electric Shock: Class II

Additional Information (if any): RSM156-9-610BNDG is selected as test sample and tested by blowing sand test refer to IEC 60068-2-68:1994 Lc1, including initial and final visual inspection (10.1), maximum power determination (10.2) of IEC 61215:2005; dielectric withstand test (MST16), wet leakage current test (MST 17) of IEC 61730-2:2012 and electroluminescence test.

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: IEC 60068-2-68:1994
IEC 61215-2:2016
IEC 61730-2:2016

as shown in the

Test Report Number(s): SHES230500824171

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.

Other information added:

Model No:
PV Modules with 6" Poly-crystalline Silicon Solar Cells:
 72 cells: RSM72-6-xxxPDG (xxx=315 - 360, increments of 5)
 60 cells: RSM60-6-xxxPDG (xxx=265 - 300, increments of 5)
PV Modules with 6" Mono-crystalline Silicon Solar Cells:
 72 cells: RSM72-6-xxxMDG (xxx=315 - 385, increments of 5)
 60 cells: RSM60-6-xxxMDG (xxx=265 - 320, increments of 5)
 72 cells: RSM72-6-xxxBMDG (xxx=340 - 385, increments of 5)
 60 cells: RSM60-6-xxxBMDG (xxx=280 - 325, increments of 5)
 144 cells: RSM144-6-xxxMDG (xxx=350 - 415, increments of 5)
 144 cells: RSM144-6-xxxBMDG (xxx=360 - 415, increments of 5)
 132 cells: RSM132-6-xxxMDG (xxx=320 - 380, increments of 5)
 132 cells: RSM132-6-xxxBMDG (xxx=330 - 380, increments of 5)
 120 cells: RSM120-6-xxxMDG (xxx=295 - 350, increments of 5)
 120 cells: RSM120-6-xxxBMDG (xxx=300 - 350, increments of 5)
 156 cells: RSM156-6-xxxBHDG (xxx=435 - 465, increments of 5)
 144 cells: RSM144-6-xxxBHDG (xxx=400 - 430, increments of 5)
 132 cells: RSM132-6-xxxBHDG (xxx=365 - 390, increments of 5)

Althas
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120 cells: RSM120-6-xxxBHDG (xxx=330 - 360, increments of 5)
 144 cells: RSM144-6-xxxHDGB (xxx=400 - 430, increments of 5)
 132 cells: RSM132-6-xxxHDGB (xxx=365 - 390, increments of 5)
 120 cells: RSM120-6-xxxHDGB (xxx=330 - 360, increments of 5)
PV Modules with 166mm Mono-crystalline Silicon Solar Cells:
 144 cells: RSM144-6-xxxBMDG (xxx=425 - 455, increments of 5)
 RSM144-7-xxxBMDG (xxx=425 - 455, increments of 5)
 132 cells: RSM132-6-xxxBMDG (xxx=390 - 420, increments of 5)
 RSM132-7-xxxBMDG (xxx=390 - 420, increments of 5)
 120 cells: RSM120-6-xxxBMDG (xxx=355 - 380, increments of 5)
 RSM120-7-xxxBMDG (xxx=355 - 380, increments of 5)
PV Modules with 210mm 1/3 cut Mono-crystalline Silicon Solar Cells:
 150 cells: RSM150-8-xxxBMDG (xxx=465 - 510, increments of 5)
 90 cells: RSM90-8-xxxBMDG (xxx=285 - 300, increments of 5)
PV Modules with 182mm Mono-crystalline Silicon Solar Cells:
 144 cells: RSM144-9-xxxBMDG (xxx=520 - 560, increments of 5)
 132 cells: RSM132-9-xxxBMDG (xxx=480 - 510, increments of 5)
 120 cells: RSM120-9-xxxBMDG (xxx=435 - 465, increments of 5)
PV Modules with 210mm 1/2 cut Mono-crystalline Silicon Solar Cells:
 132 cells: RSM132-8-xxxBMDG (xxx=635 - 675, increments of 5)
 120 cells: RSM120-8-xxxBMDG (xxx=560 - 615, increments of 5)
 110 cells: RSM110-8-xxxBMDG (xxx=525 - 565, increments of 5)
 80 cells: RSM80-8-xxxBMDG (xxx=380 - 405, increments of 5)
PV Modules with 210mm 1/4 cut Mono-crystalline Silicon Solar Cells:
 264 cells: RSM264-8-xxxBMDG (xxx=645 - 670, increments of 5)
PV Modules with 210mm 1/2 cut N-Type-crystalline Silicon Solar Cells:
 120 cells: RSM120-8-xxxBNDG (xxx=605-635, increments of 5)
 132 cells: RSM132-8-xxxBNDG (xxx=665-695, increments of 5)
 110 cells: RSM110-8-xxxBNDG (xxx=550-580, increments of 5)
PV Modules with 210mm 1/2 cut N-Type-HJT-crystalline Silicon Solar Cells:
 132 cells: RSM132-8-xxxBHDG (xxx=650-715, increments of 5)
 120 cells: RSM120-8-xxxBHDG (xxx=590-655, increments of 5)
 110 cells: RSM110-8-xxxBHDG (xxx=540-600, increments of 5)
PV Modules with 182.2mm 1/2 cut N-Type-crystalline Silicon Solar Cells:
 156 cells: RSM156-9-xxxBNDG (xxx=605-635, increments of 5)
 144 cells: RSM144-9-xxxBNDG (xxx=550-590, increments of 5)
 120 cells: RSM120-9-xxxBNDG (xxx=455-490, increments of 5)
 108 cells: RSM108-9-xxxBNDG (xxx=410-440, increments of 5)
PV Modules with 182.2mm 1/2 cut N-Type-crystalline Silicon Solar Cells:
 144 cells: RSM144-10-xxxBNDG (xxx=570-610, increments of 5)
 120 cells: RSM120-10-xxxBNDG (xxx=475-500, increments of 5)
 108 cells: RSM108-10-xxxBNDG (xxx=425-460, increments of 5)

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