

Technical Report No.: 701262332901-00

Date: 2023-12-27

Client:
RITEK CORPORATION
No.42, Kuangfu N. Road
Hsin Chu Industrial Park
30351 Hsin Chu
TAIWAN
(Customer No.: 112459)
Contact person: Chao-Lin Chen

Manufacturer:
RITEK CORPORATION
No.42, Kuangfu N. Road
Hsin Chu Industrial Park
30351 Hsin Chu
TAIWAN
(Customer No.: 112459)
Contact person: Chao-Lin Chen

Factory:
JA SOLAR VIET NAM COMPANY LIMITED
(Production facility No. in certificate: 112017)
Lot G, Quang Chau Industrial Zone, Quang Chau Commune, Viet
Yen Dist, 236110 Bac Giang Province, VIETNAM

Test object:
Product: Photovoltaic modules

Type: See clause 1.4

Test specification: IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
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

Purpose of examination:

- Testing (visual / partial) for compliance with specified requirements to assess conformity with the essential safety and health requirements of the following European Directives: 2014/35/EU
- Testing and evaluation (visual / partial) according to the test specification

Test result: The test results show that the presented product is in compliance with the specific requirements.

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1. Description of the test object

1.1 Picture(s)

N/A

1.2 Function

Manufacturer's specification for intended use:

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TÜV SÜD Certification and Testing (China) Co., Ltd.
Shanghai Branch
SMN
No. 151 Heng Tong Road,
Shanghai 200070, P. R. China
Telephone: +86 21 6141-0100

The PV modules for electricity generation systems with max. voltage of 1500V or 1000V DC.

Manufacturer's specification for predictive use:

N/A

1.3 Consideration of the foreseeable use

- Not applicable
- Covered through the applied standard
- Covered by the following comment*
- Covered by attached risk analysis

*

1.4 Technical Data

Model	:	RT-M10AH54-xxx, xxx=390 to 425 in steps of 5 RT-M10AH72-xxx, xxx=510 to 555 in steps of 5 RT-M10AHDB72-xxx, xxx=505 to 555 in steps of 5 xxx is standing for rated output power at STC.
Rated output Power at STC	:	See above.
Max. system voltage	:	1500V DC or 1000V DC

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2. Order

2.1 Date of Purchase Order, Customer's Reference

The order dated 2023-12-21

2.2 Test Sample(s)

- Reception date(s): N/A
- Location(s) of reception: N/A
- Condition of test sample(s): N/A

2.3 Date(s) of Testing N/A

2.4 Location(s) of Testing N/A

2.5 Points of Non-Compliance or Exceptions of the Test Procedure

- None

3. Test Results

- “Decision rule according to IEC Guide 115:2023, clause 4.3 was applied.”

3.1 Positive Test Results

Test specification(s)	Report no. / Rev. No.	Date	Remark
Electrical safety:	704061604115-85	2023-12-27	Refer to clause 4.1
Mechanical safety:	704061604115-85	2023-12-27	Refer to clause 4.1
Functional safety:	N/A	N/A	N/A
Cyber security:	N/A	N/A	N/A
EMF / EMC / Radiation:	N/A	N/A	N/A
Outdoor / Noise / Vibration:	N/A	N/A	N/A
Pressure vessels:	N/A	N/A	N/A
DVGW:	N/A	N/A	N/A
Chemical requirements / compounds:	N/A	N/A	N/A
PAH:	N/A	N/A	N/A
Batteries:	N/A	N/A	N/A
LFGB / Hygiene:	N/A	N/A	N/A
Energy efficiency:	N/A	N/A	N/A
Explosion Protection:	N/A	N/A	N/A
Other specifications:	N/A	N/A	Refer to clause 4.1

3.2 Points of Non-Compliance according to the test specification

- None

4. Remarks

4.1 General

Co-license.

Main test report 704061604115-85.

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

4.2 Factory surveillance cycle

Your production facility is currently on a

- Annual (12 month)
 Bi-Annual (6 month)
 Quarterly (3 month)

surveillance cycle.

4.3 Additional information for routine tests to be performed by the factory(ies)

Routine tests for electrical appliances / equipment:

Routine test requirements for production are described in 70.197.23.112017.03.



5. Documentation

File	File name	Date
Data form (CDF):	701262332901-00	2023-12-27
Photo documentation:	N/A	N/A
User manual:	N/A	N/A
Installation manual:	Installation manual	N/A

6. Summary

The test specifications are met

TÜV SÜD Certification and Testing (China)Co., Ltd. Shanghai Branch

Tested by: Yiwei Li *Yiwei Li*
printed name, function & signature

Approved by: Rongwei Jing
printed name, function & signature