Technical Report No.: 701262618901-00

Date: 2026-09-10

Client:	NANTONG GAMKO NEW ENERGY CO.,LTD. 10 #-B-1F,NO. 606, KAIFA AVENUE DAGONG SCI&TECH INDUSTRIAL PARK HAIAN COUNTY 226006 NANTONG PEOPLE'S REPUBLIC OF CHINA
Manufacturer:	NANTONG GAMKO NEW ENERGY CO.,LTD. 10 #-B-1F,NO. 606, KAIFA AVENUE DAGONG SCI&TECH INDUSTRIAL PARK HAIAN COUNTY 226006 NANTONG PEOPLE'S REPUBLIC OF CHINA
Factories:	Taoistic Solar Technology (changzhou) Co.,Ltd (112151) 269 Longxi Avenue,Zhulin Town,Jintan District 213000 Changzhou City, Jiangsu Province PEOPLE'S REPUBLIC OF CHINA Chongqing Taoistic Photoelectric Co., Ltd. (133808) Second Floor, Renmin University Comprehensive Building No. 198 Qinglong Road, Yunyang County 404500 Chongqing PEOPLE'S REPUBLIC OF CHINA Xuzhou Huicui New Energy Co., Ltd (133953) No. 3-118, Lingcheng Town Industrial Park, Suining County 221233 Xuzhou City, Jiangsu Province PEOPLE'S REPUBLIC OF CHINA
Test object:	Product: Photovoltaic modules Model: See clause 1.4
Test specification:	IEC 61215-1:2021 IEC 61215-1-1:2021 IEC 61215-2:2021 IEC 61730-1:2016 IEC 61730-2:2016

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No. 151 Heng Tong Road Shanghai 200070
P. R. China

Purpose of examination:
- 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 above listed test specifications.

1. Description of the test object

1.1 Picture(s)

N/A

1.2 Function

Manufacturer's specification for intended use:
The PV modules for electricity generation systems with max. voltage of 1500 V 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

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1.4 Technical Data

Model	:	GKAxxx, xxx=665 to 755, in steps of 5, GKAxxx-HD-DG, xxx=610 to 685, in steps of 5, GKAxxx-HE-DG, xxx=555 to 630, in steps of 5, GKAxxx-HG-DG, xxx=505 to 570, in steps of 5, GKAxxx-HI-DG, xxx=400 to 460, in steps of 5, GKAxxx-NC-DG, xxx=665 to 750, in steps of 5, GKAxxx-ND-DG, xxx=605 to 680, in steps of 5, GKAxxx-NE-DG, xxx=555 to 625, in steps of 5, GKAxxx-NG-DG, xxx=500 to 570, in steps of 5, GKAxxx-NI-DG, xxx=400 to 455, in steps of 5, GKAxxx-NC-SG, xxx=665 to 730, in steps of 5, GKAxxx-ND-SG, xxx=605 to 665, in steps of 5, GKAxxx-NE-SG, xxx=555 to 610, in steps of 5, GKAxxx-NG-SG, xxx=500 to 555, in steps of 5, GKAxxx-NI-SG, xxx=400 to 445, in steps of 5, GKAxxx-NRC-DG, xxx=600 to 650, in steps of 5, GKAxxx-NRD-DG, xxx=545 to 590, in steps of 5, GKAxxx-NRF-DG, xxx=485 to 530, in steps of 5, GKAxxx-NRH-DG, xxx=430 to 475, in steps of 5, GKAxxx-NEB-DG, xxx=595 to 625, in steps of 5, GKAxxx-NED-DG, xxx=490 to 520, in steps of 5, GKAxxx-NEF-DG, xxx=440 to 470, in steps of 5, xxx is standing for rated output power at STC
Rated output Power at STC	:	Same as above
Max. system voltage	:	1500 V DC

2. Order

2.1 Date of Purchase Order, Customer's Reference

The order dated 2026-09-10

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

N/A

3. Test Results

- ☐ Decision rule according to ILAC-G8:09/2019 clause 4.2.1 Binary statement for simple acceptance rule or IEC Guide 115:2023, clause 4.3.3 Simple acceptance was applied.

- ☐ Decision rule according to customer's requirements was applied. It is:

- ☐ Decision rule according to ILAC-G8:09/2019 clause 4.2.2 Binary statement with guard band - guard band length = 95 % extended measurement uncertainty, was applied.

- ☒ Decision rule according to ILAC-G8:09/2019 clause 4.2.3 Non-binary statement with guard band - guard band length = 95% extended measurement uncertainty was applied for an upper specification limit (A lower limit or specification with an upper and a lower limit is treated similarly.):
  ☒ Pass - the measured result is below the specification limit minus the guard band.
  ☐ Fail - the measured result is above the specification limit plus the guard band.
  ☐ Conditional Pass - the measured result is inside the guard band and below the specification limit.
  ☐ Conditional Fail - the measured result is above the specification limit but below the specification limit plus the guard band.

☒ There are no statements to conformity or no results with measurand stated in this report, no decision rule has been applied.

3.1 Positive Test Results

Test specification(s)	Report no. / Rev. No.	Date	Remark
Electrical safety:	704062317714-06A1	2026-06-08	N/A
Mechanical safety:	704062317714-06A1	2026-06-08	N/A

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3.2 Points of Non-Compliance according to the test specification

- None

4. Remarks

4.1 General

Co-license:

According to main license certificate No.: Z2 133808 0002 Rev. 02 (Report No.: 704062317714-06A1) apply for co-license.

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 70.197.26.112151.05, 70.197.25.133808.01, 70.197.25.133953.01

5. Documentation

File	File name	Date
Data form (CDF):	701262618901-00 CDF_TUV MARK_E	2026-09-10
Installation manual:	701262618901-00 MAN_TUV MARK_E	2026-09-10
Photographs	N/A	N/A

6. Summary

"The test specifications are met"

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

Tested by: Yicheng Zhang

Approved by: Gang Huang

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