

CERTIFICATE

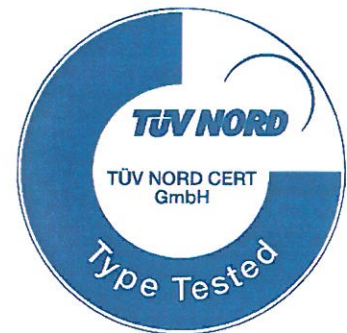
TÜV NORD CERT GmbH
herewith declares that

Jinneng Clean Energy Technology Ltd.
No. 1, Wenshui Economic Development Zone
Lvliang City, Shanxi Province, 032100
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" Poly-crystalline Silicon Solar Cells



Valid from: 2019-09-09

Valid until: 2022-11-19

Tested according to: IEC / EN 61215-1:2016;
IEC / EN 61215-1-1:2016;
IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018;
IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018;
IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.

Registered No.: 44 780 17 406749 - 223A2M2
Manufacturer: see Annex 1
Test Report No.: 492010921.007
File No.: SHV03083/19-01



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2019-09-09

Please also pay attention to the information stated overleaf.

Manufacturer:

- Manufacturer 1: **JINNENG CLEAN ENERGY TECHNOLOGY LTD.**
No.1, Wenshui Economic Development Zone,
Lvliang City, Shanxi Province, 032100, P. R. China
Factory inspection report no.: 862010249.005
- Manufacturer 2: **Jinneng Photovoltaic Technology Ltd.**
No. 533, East Guang'an Street, Green-car Park, Jinzhong Development
Park, Demonstrative Zone of Shanxi Comprehensive Reform,
Jinzhong City, Shanxi Province, 030600, P.R. China
Factory inspection report no.: 862010378.002
- Manufacturer 3: **Jiangxi Risun Green Energy Co., Ltd.**
No. 22, Dayi Road, Xiacun Industrial Park, Yushui District
Xinyu City, Jiangxi Province, 338019, P.R. China
Factory inspection report no.: 862010270.004
- Manufacturer 4: **Shandong Linuo Photovoltaic Hi-tech Co., Ltd.**
No.30766, East Jingshi Road
Jinan City, Shandong Province, 250103, P.R. China
Factory inspection report no.: 862010152.007
- Manufacturer 5: **ReneSola Jiangsu Ltd.**
No.27, Qingyuan Road (East), Yixing Economic Development Zone
Yixing City, Jiangsu Province, 214200 P.R. China
Factory inspection report no.: 862010149.008

Remark:

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



Description of product(s):

Module types:	PV Modules with 6" Poly-crystalline Silicon Solar Cells: 72 cells: JNMP72-xxx (xxx = 315-340, in increments of 5) 60 cells: JNMP60-xxx (xxx = 260-280, in increments of 5) 48 cells: JNMP48-xxx (xxx = 210-225, in increments of 5)
Maximum system voltage:	1000V
Fuse rating:	15A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600 Pa / 2400 Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018

Remark:

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



TÜV NORD CERT GmbH
Certification Body
Consumer Products