

# 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" Mono-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 - 222A2M2

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:	<b>JINNENG CLEAN ENERGY TECHNOLOGY LTD.</b> No.1, Wenshui Economic Development Zone, Lvliang City, Shanxi Province, 032100, P. R. China
Factory inspection report no.:	862010249.005
Manufacturer 2:	<b>Jinneng Photovoltaic Technology Ltd.</b> 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:	<b>Jiangxi Risun Green Energy Co., Ltd.</b> 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:	<b>Shandong Linuo Photovoltaic Hi-tech Co., Ltd.</b> No.30766, East Jingshi Road Jinan City, Shandong Province, 250103, P.R. China
Factory inspection report no.:	862010152.007
Manufacturer 5:	<b>ReneSola Jiangsu Ltd.</b> 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:	<b>PV Modules with 6" Mono-crystalline Silicon Solar Cells:</b> 72 cells: JNMM72-xxx (xxx = 330-375, in increments of 5) 60 cells: JNMM60-xxx (xxx = 275-310, in increments of 5) 48 cells: JNMM48-xxx (xxx = 220-250, 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.

