

# CERTIFICATE



**TÜV NORD CERT GmbH**  
herewith declares that

**Perlight Solar Co., Ltd.**

OUFENG ROAD, MUYU ADMINISTRATION AREA, ZEGUO TOWN  
WENLING CITY, ZHEJIANG PROVINCE, 317521  
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**

**PV Modules with 5" Mono-crystalline Silicon Solar Cells**

**PV Modules with 6" Poly-crystalline Silicon Solar Cells**

Tested according to: IEC 61701: 2011 Severity 6.  
Registered No.: 44 780 16 406749 - 095  
Manufacturer: see Annex 1  
Test Report No.: 492010664.001  
File No.: SHV04010/16-01

Valid until: 2021-05-12

TÜV NORD CERT GmbH  
Certification Body  
Consumer Products

Essen, 2016-05-13

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 16 406749 - 095

Seite / Page 1 von / of 1

Aktenzeichen: / File reference: SHV04010/16-01

2016-05-13

**Manufacturer:**

Manufacturer:

**Perlight Solar Co., Ltd.**

OUFENG ROAD, MUYU ADMINISTRATION AREA, ZEGUO TOWN  
WENLING CITY, ZHEJIANG PROVINCE, 317521, P.R. CHINA

Factory inspection report no.:

862010190.003

Remark:

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

A handwritten signature in blue ink, appearing to read "R. ...".

**TÜV NORD CERT GmbH**  
**Certification Body**  
**Consumer Products**

**Description of product(s):**

Module types:

**PV Modules with 6" Mono-crystalline Silicon Solar Cells**

72 cells: PLM-\*\*\*M-72 (\*\*\* = 245-385, in increment of 5)  
72 cells: PLM-\*\*\*MB-72 (\*\*\* = 245-385, in increment of 5)  
66 cells: PLM-\*\*\*M-66 (\*\*\* = 225-350, in increment of 5)  
66 cells: PLM-\*\*\*MB-66 (\*\*\* = 225-350, in increment of 5)  
60 cells: PLM-\*\*\*M-60 (\*\*\* = 220-320, in increment of 5)  
60 cells: PLM-\*\*\*MB-60 (\*\*\* = 220-320, in increment of 5)  
54 cells: PLM-\*\*\*M-54 (\*\*\* = 185-285, in increment of 5)  
54 cells: PLM-\*\*\*MB-54 (\*\*\* = 185-285, in increment of 5)  
48 cells: PLM-\*\*\*M-48 (\*\*\* = 165-255, in increment of 5)  
48 cells: PLM-\*\*\*MB-48 (\*\*\* = 165-255, in increment of 5)  
36 cells: PLM-\*\*\*M-36 (\*\*\* = 125-190, in increment of 5)  
36 cells: PLM-\*\*\*MB-36 (\*\*\* = 125-190, in increment of 5)

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Module types:

**PV Modules with 5" Mono-crystalline Silicon Solar Cells**

96 cells: PLM-\*\*\*M-96 (\*\*\* = 230-280, in increment of 5)  
96 cells: PLM-\*\*\*MB-96 (\*\*\* = 230-280, in increment of 5)  
72 cells: PLM-\*\*\*M-72 (\*\*\* = 160-210, in increment of 5)  
72 cells: PLM-\*\*\*MB-72 (\*\*\* = 160-210, in increment of 5)  
36 cells: PLM-\*\*\*M-36 (\*\*\* = 080-105, in increment of 5)  
36 cells: PLM-\*\*\*MB-36 (\*\*\* = 080-105, in increment of 5)

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products

Module types:

**PV Modules with 6" Poly-crystalline Silicon Solar Cells**

72 cells: PLM-\*\*\*P-72 (\*\*\* = 235-355, in increment of 5)

66 cells: PLM-\*\*\*P-66 (\*\*\* = 215-325, in increment of 5)

60 cells: PLM-\*\*\*P-60 (\*\*\* = 195-295, in increment of 5)

54 cells: PLM-\*\*\*P-54 (\*\*\* = 185-265, in increment of 5)

48 cells: PLM-\*\*\*P-48 (\*\*\* = 165-235, in increment of 5)

36 cells: PLM-\*\*\*P-36 (\*\*\* = 120-175, in increment of 5)

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

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