

# CERTIFICATE

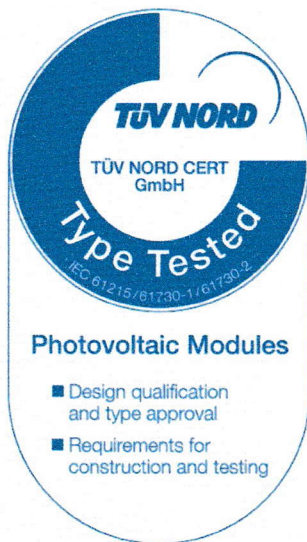


**TÜV NORD CERT GmbH**  
herewith declares that

**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**

Tested according to: IEC / EN 61215: 2005;  
IEC 61730-1: 2004 / EN 61730-1: 2007;  
IEC 61730-2: 2004 / EN 61730-2: 2007.  
Registered No.: 44 780 14 406749 - 113  
Manufacturer: see Annex 1  
Test Report No.: 492010421.003  
File No.: SHV03026/14-04

Valid until: 2018-06-16

TÜV NORD CERT GmbH  
Certification Body  
Consumer Products

Essen, 2014-10-27

Please also pay attention to the information stated overleaf.

**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.: 862010190.002

**Remark:**

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



**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 (\*\*\*) = 245-320, in increment of 5)

72 cells: PLM-\*\*\*MA-72 (\*\*\*) = 245-320, in increment of 5)

72 cells: PLM-\*\*\*MB-72 (\*\*\*) = 245-320, in increment of 5)

66 cells: PLM-\*\*\*M-66 (\*\*\*) = 215-295, in increment of 5)

66 cells: PLM-\*\*\*MA-66 (\*\*\*) = 215-295, in increment of 5)

66 cells: PLM-\*\*\*MB-66 (\*\*\*) = 215-295, in increment of 5)

60 cells: PLM-\*\*\*M-60 (\*\*\*) = 220-270, in increment of 5)

60 cells: PLM-\*\*\*MA-60 (\*\*\*) = 220-270, in increment of 5)

60 cells: PLM-\*\*\*MB-60 (\*\*\*) = 220-270, in increment of 5)

54 cells: PLM-\*\*\*M-54 (\*\*\*) = 185-240, in increment of 5)

54 cells: PLM-\*\*\*MA-54 (\*\*\*) = 185-240, in increment of 5)

54 cells: PLM-\*\*\*MB-54 (\*\*\*) = 185-240, in increment of 5)

48 cells: PLM-\*\*\*M-48 (\*\*\*) = 155-215, in increment of 5)

48 cells: PLM-\*\*\*MA-48 (\*\*\*) = 155-215, in increment of 5)

48 cells: PLM-\*\*\*MB-48 (\*\*\*) = 155-215, in increment of 5)

36 cells: PLM-\*\*\*M-36 (\*\*\*) = 125-160, in increment of 5)

36 cells: PLM-\*\*\*MA-36 (\*\*\*) = 125-160, in increment of 5)

36 cells: PLM-\*\*\*MB-36 (\*\*\*) = 125-160, in increment of 5)

24 cells: PLM-\*\*\*M-24 (\*\*\*) = 80-105, in increment of 5)

24 cells: PLM-\*\*\*MA-24 (\*\*\*) = 80-105, in increment of 5)

24 cells: PLM-\*\*\*MB-24 (\*\*\*) = 80-105, in increment of 5)

"A" means with black backsheet, black frame, black silica gel and black tape stick on internal wiring.

"B" means with black backsheet, black frame and black silica gel

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Fire safety class:

Only some raw materials combination have been passed Class C, please refer to CDF for details.

Rated mechanical load:

2400Pa



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

## 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-\*\*\*MA-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-\*\*\*MA-72 (\*\*\*= 160-210, in increment of 5)  
72 cells: PLM-\*\*\*MB-72 (\*\*\*= 160-210, in increment of 5)  
66 cells: PLM-\*\*\*M-66 (\*\*\*= 145-190, in increment of 5)  
66 cells: PLM-\*\*\*MA-66 (\*\*\*= 145-190, in increment of 5)  
66 cells: PLM-\*\*\*MB-66 (\*\*\*= 145-190, in increment of 5)  
60 cells: PLM-\*\*\*M-60 (\*\*\*= 130-175, in increment of 5)  
60 cells: PLM-\*\*\*MA-60 (\*\*\*= 130-175, in increment of 5)  
60 cells: PLM-\*\*\*MB-60 (\*\*\*= 130-175, in increment of 5)  
54 cells: PLM-\*\*\*M-54 (\*\*\*= 120-155, in increment of 5)  
54 cells: PLM-\*\*\*MA-54 (\*\*\*= 120-155, in increment of 5)  
54 cells: PLM-\*\*\*MB-54 (\*\*\*= 120-155, in increment of 5)  
48 cells: PLM-\*\*\*M-48 (\*\*\*= 105-140, in increment of 5)  
48 cells: PLM-\*\*\*MA-48 (\*\*\*= 105-140, in increment of 5)  
48 cells: PLM-\*\*\*MB-48 (\*\*\*= 105-140, in increment of 5)  
36 cells: PLM-\*\*\*M-36 (\*\*\* = 80-105, in increment of 5)  
36 cells: PLM-\*\*\*MA-36 (\*\*\* = 80-105, in increment of 5)  
36 cells: PLM-\*\*\*MB-36 (\*\*\* = 80-105, in increment of 5)  
24 cells: PLM-\*\*\*M-24 (\*\*\* = 55-70, in increment of 5)  
24 cells: PLM-\*\*\*MA-24 (\*\*\* = 55-70, in increment of 5)  
24 cells: PLM-\*\*\*MB-24 (\*\*\* = 55-70, in increment of 5)

"A" means with black backsheet, black frame, black silica gel and black tape stick on internal wiring.

"B" means with black backsheet, black frame and black silica gel

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Fire safety class:

Only some raw materials combination have been passed Class C, please refer to CDF for details.

Rated mechanical load:

2400Pa

Remark:

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



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**Certification Body**  
**Consumer Products**

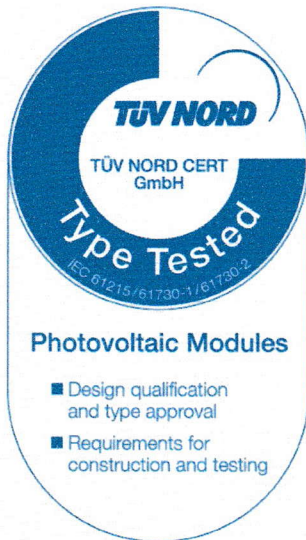
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**Perlight Solar Co., Ltd.**  
OUFENG ROAD, MUYU ADMINISTRATION AREA, ZEGUO TOWN  
WENLING CITY, ZHEJIANG PROVINCE, 317521  
P.R. CHINA

is authorized to provide the product mentioned below with the mark as illustrated:



**Description of product (details see Annex 2):**

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

Tested according to: IEC / EN 61215: 2005;  
IEC 61730-1: 2004 / EN 61730-1: 2007;  
IEC 61730-2: 2004 / EN 61730-2: 2007.

Registered No.: 44 780 14 406749 - 114  
Manufacturer: see Annex 1  
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Factory inspection report no.: 862010190.002

**Remark:**

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



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

**Description of product(s):**

Module types:

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

72 cells: PLM-\*\*\*P-72 (\*\*\*) = 235-320, in increment of 5)

72 cells: PLM-\*\*\*PA-72 (\*\*\*) = 235-320, in increment of 5)

72 cells: PLM-\*\*\*PB-72 (\*\*\*) = 235-320, in increment of 5)

66 cells: PLM-\*\*\*P-66 (\*\*\*) = 225-295, in increment of 5)

66 cells: PLM-\*\*\*PA-66 (\*\*\*) = 225-295, in increment of 5)

66 cells: PLM-\*\*\*PB-66 (\*\*\*) = 225-295, in increment of 5)

60 cells: PLM-\*\*\*P-60 (\*\*\*) = 195-265, in increment of 5)

60 cells: PLM-\*\*\*PA-60 (\*\*\*) = 195-265, in increment of 5)

60 cells: PLM-\*\*\*PB-60 (\*\*\*) = 195-265, in increment of 5)

54 cells: PLM-\*\*\*P-54 (\*\*\*) = 180-240, in increment of 5)

54 cells: PLM-\*\*\*PA-54 (\*\*\*) = 180-240, in increment of 5)

54 cells: PLM-\*\*\*PB-54 (\*\*\*) = 180-240, in increment of 5)

48 cells: PLM-\*\*\*P-48 (\*\*\*) = 165-215, in increment of 5)

48 cells: PLM-\*\*\*PA-48 (\*\*\*) = 165-215, in increment of 5)

48 cells: PLM-\*\*\*PB-48 (\*\*\*) = 165-215, in increment of 5)

36 cells: PLM-\*\*\*P-36 (\*\*\*) = 125-160, in increment of 5)

36 cells: PLM-\*\*\*PA-36 (\*\*\*) = 125-160, in increment of 5)

36 cells: PLM-\*\*\*PB-36 (\*\*\*) = 125-160, in increment of 5)

24 cells: PLM-\*\*\*P-24 (\*\*\*) = 80-105, in increment of 5)

24 cells: PLM-\*\*\*PA-24 (\*\*\*) = 80-105, in increment of 5)

24 cells: PLM-\*\*\*PB-24 (\*\*\*) = 80-105, in increment of 5)

"A" means with black backsheet, black frame, black silica gel and black tape stick on internal wiring.

"B" means with black backsheet, black frame and black silica gel

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Fire safety class:

Only some raw materials combination have been passed Class C, please refer to CDF for details.

Rated mechanical load:

2400Pa

Remark:

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



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