

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 62716: 2013
Registered No.: 44 780 16 406749 - 120
Manufacturer: see Annex 1
Test Report No.: 492010515.002
File No.: SHV04010/16-03

Valid until: 2019-09-17



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Essen, 2016-07-04

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 16 406749 - 120

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Aktenzeichen: / File reference: SHV04010/16-03

2016-07-04

Manufacturer:

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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 "Rogier K.", is positioned above the company name.

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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-***MA-72 (***) = 245-385, in increment of 5)
72 cells: PLM-***MB-72 (***) = 245-385, in increment of 5)
72 cells: PLM-***M-72F (***) = 245-385, in increment of 5)
72 cells: PLM-***MA-72F (***) = 245-385, in increment of 5)
72 cells: PLM-***MB-72F (***) = 245-385, in increment of 5)
66 cells: PLM-***M-66 (***) = 215-350, in increment of 5)
66 cells: PLM-***MA-66 (***) = 215-350, in increment of 5)
66 cells: PLM-***MB-66 (***) = 215-350, in increment of 5)
66 cells: PLM-***M-66F (***) = 215-350, in increment of 5)
66 cells: PLM-***MA-66F (***) = 215-350, in increment of 5)
66 cells: PLM-***MB-66F (***) = 215-350, in increment of 5)
60 cells: PLM-***M-60 (***) = 220-320, in increment of 5)
60 cells: PLM-***MA-60 (***) = 220-320, in increment of 5)
60 cells: PLM-***MB-60 (***) = 220-320, in increment of 5)
60 cells: PLM-***M-60F (***) = 220-320, in increment of 5)
60 cells: PLM-***MA-60F (***) = 220-320, in increment of 5)
60 cells: PLM-***MB-60F (***) = 220-320, in increment of 5)
54 cells: PLM-***M-54 (***) = 185-285, in increment of 5)
54 cells: PLM-***MA-54 (***) = 185-285, in increment of 5)
54 cells: PLM-***MB-54 (***) = 185-285, in increment of 5)
54 cells: PLM-***M-54F (***) = 185-285, in increment of 5)
54 cells: PLM-***MA-54F (***) = 185-285, in increment of 5)
54 cells: PLM-***MB-54F (***) = 185-285, in increment of 5)
48 cells: PLM-***M-48 (***) = 155-255, in increment of 5)
48 cells: PLM-***MA-48 (***) = 155-255,, in increment of 5)
48 cells: PLM-***MB-48 (***) = 155-255,, in increment of 5)
48 cells: PLM-***M-48F (***) = 155-255,, in increment of 5)
48 cells: PLM-***MA-48F (***) = 155-255,, in increment of 5)
48 cells: PLM-***MB-48F (***) = 155-255,, in increment of 5)
36 cells: PLM-***M-36 (***) = 125-190, in increment of 5)
36 cells: PLM-***MA-36 (***) = 125-190, in increment of 5)
36 cells: PLM-***MB-36 (***) = 125-190, in increment of 5)
36 cells: PLM-***M-36 (***) = 125-190, in increment of 5)
36 cells: PLM-***MA-36 (***) = 125-190, in increment of 5)
36 cells: PLM-***MB-36 (***) = 125-190, in increment of 5)
24 cells: PLM-***M-24 (***) = 80-125, in increment of 5)
24 cells: PLM-***MA-24 (***) = 80-125, in increment of 5)
24 cells: PLM-***MB-24 (***) = 80-125, in increment of 5)



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24 cells: PLM-***M-24F (***) = 80-125, in increment of 5)

24 cells: PLM-***MA-24F (***) = 80-125, in increment of 5)

24 cells: PLM-***MB-24F (***) = 80-125, 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

Types with suffix "F" means passed fire test.

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-***MA-96 (***) = 230-280, in increment of 5)

96 cells: PLM-***MB-96 (***) = 230-280, in increment of 5)

96 cells: PLM-***M-96F (***) = 230-280, in increment of 5)

96 cells: PLM-***MA-96F (***) = 230-280, in increment of 5)

96 cells: PLM-***MB-96F (***) = 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)

72 cells: PLM-***M-72F (***) = 160-210, in increment of 5)

72 cells: PLM-***MA-72F (***) = 160-210, in increment of 5)

72 cells: PLM-***MB-72F (***) = 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)

66 cells: PLM-***M-66F (***) = 145-190, in increment of 5)

66 cells: PLM-***MA-66F (***) = 145-190, in increment of 5)

66 cells: PLM-***MB-66F (***) = 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)

60 cells: PLM-***M-60F (***) = 130-175, in increment of 5)

60 cells: PLM-***MA-60F (***) = 130-175, in increment of 5)

60 cells: PLM-***MB-60F (***) = 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)



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54 cells: PLM-***M-54F (***= 120-155, in increment of 5)
54 cells: PLM-***MA-54F (***= 120-155, in increment of 5)
54 cells: PLM-***MB-54F (***= 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)
48 cells: PLM-***M-48F (***= 105-140, in increment of 5)
48 cells: PLM-***MA-48F (***= 105-140, in increment of 5)
48 cells: PLM-***MB-48F (***= 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)
36 cells: PLM-***M-36F (***= 80-105, in increment of 5)
36 cells: PLM-***MA-36F (***= 80-105, in increment of 5)
36 cells: PLM-***MB-36F (***= 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)
24 cells: PLM-***M-24F (***= 55-70, in increment of 5)
24 cells: PLM-***MA-24F (***= 55-70, in increment of 5)
24 cells: PLM-***MB-24F (***= 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
Types with suffix "F" means passed fire test.

Maximum system voltage:	1000V
Fuse rating:	15A
Application class:	Class A
Electrical protection class:	Class II



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Module types:

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

72 cells: PLM-***P-72 (***) = 235-355, in increment of 5)
72 cells: PLM-***PA-72 (***) = 235-355, in increment of 5)
72 cells: PLM-***PB-72 (***) = 235-355, in increment of 5)
72 cells: PLM-***P-72F (***) = 235-355, in increment of 5)
72 cells: PLM-***PA-72F (***) = 235-355, in increment of 5)
72 cells: PLM-***PB-72F (***) = 235-355, in increment of 5)
66 cells: PLM-***P-72 (***) = 225-325, in increment of 5)
66 cells: PLM-***PA-72 (***) = 225-325, in increment of 5)
66 cells: PLM-***PB-72 (***) = 225-325, in increment of 5)
66 cells: PLM-***P-72F (***) = 225-325, in increment of 5)
66 cells: PLM-***PA-72F (***) = 225-325, in increment of 5)
66 cells: PLM-***PB-72F (***) = 225-325, in increment of 5)
60 cells: PLM-***P-60 (***) = 195-295, in increment of 5)
60 cells: PLM-***PA-60 (***) = 195-295, in increment of 5)
60 cells: PLM-***PB-60 (***) = 195-295, in increment of 5)
60 cells: PLM-***P-60F (***) = 195-295, in increment of 5)
60 cells: PLM-***PA-60F (***) = 195-295, in increment of 5)
60 cells: PLM-***PB-60F (***) = 195-295, in increment of 5)
54 cells: PLM-***P-54 (***) = 180-265, in increment of 5)
54 cells: PLM-***PA-54 (***) = 180-265, in increment of 5)
54 cells: PLM-***PB-54 (***) = 180-265, in increment of 5)
54 cells: PLM-***P-54F (***) = 180-265, in increment of 5)
54 cells: PLM-***PA-54F (***) = 180-265, in increment of 5)
54 cells: PLM-***PB-54F (***) = 180-265, in increment of 5)
48 cells: PLM-***P-48 (***) = 165-235, in increment of 5)
48 cells: PLM-***PA-48 (***) = 165-235, in increment of 5)
48 cells: PLM-***PB-48 (***) = 165-235, in increment of 5)
48 cells: PLM-***P-48F (***) = 165-235, in increment of 5)
48 cells: PLM-***PA-48F (***) = 165-235, in increment of 5)
48 cells: PLM-***PB-48F (***) = 165-235, in increment of 5)
36 cells: PLM-***P-36 (***) = 125-175, in increment of 5)
36 cells: PLM-***PA-36 (***) = 125-175, in increment of 5)
36 cells: PLM-***PB-36 (***) = 125-175, in increment of 5)
36 cells: PLM-***P-36F (***) = 125-175, in increment of 5)
36 cells: PLM-***PA-36F (***) = 125-175, in increment of 5)
36 cells: PLM-***PB-36F (***) = 125-175, in increment of 5)
24 cells: PLM-***P-24 (***) = 80-115, in increment of 5)
24 cells: PLM-***PA-24 (***) = 80-115, in increment of 5)
24 cells: PLM-***PB-24 (***) = 80-115, in increment of 5)
24 cells: PLM-***P-24F (***) = 80-115, in increment of 5)
24 cells: PLM-***PA-24F (***) = 80-115, in increment of 5)
24 cells: PLM-***PB-24F (***) = 80-115, in increment of 5)



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"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
Types with suffix "F" means passed fire test.

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.



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