

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Premier Energies Photovoltaic Private limited
SURVEY NO: 62(P), 63(P) & 88(P), PLOT NO. 8/B/1 & 8/B/2, E-CITY,
RAVIRYALA VILLAGE, MAHESHWARAM (M), RANGAREDDY DISTRICT,
TELANGANA STATE, INDIA

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

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2022-01-12
Valid until: 2026-08-26

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	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 21 406749 - 182R2M1
Manufacturer:	see Annex 1
Test Report No.:	492011749.004
File No.:	PVP11096/21P-01


TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2022-01-12

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: **44 780 21 406749 - 182R2M1**

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Aktenzeichen: / File reference: **PVP11096/21P-01**

2022-01-12

Manufacturer:

Manufacturer:

Premier Energies Photovoltaic Private limited

SURVEY NO: 62(P), 63(P) & 88(P), PLOT NO. 8/B/1 & 8/B/2, E-CITY,
RAVIRYALA VILLAGE, MAHESHWARAM (M), RANGAREDDY
DISTRICT, TELANGANA STATE, INDIA

Factory inspection report no.:

862010561.001

Remark:

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



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Consumer Products

Description of product(s):

Module types:	PV Modules with 182mm Half-cut Mono-crystalline Silicon Solar Cells: 156cells: PE-xxxHM (xxx = 555-575 in increment of 5) 144cells: PE-xxxHM (xxx = 515-555 in increment of 5) 132cells: PE-xxxHM (xxx = 470-505 in increment of 5) 120cells: PE-xxxHM (xxx = 425-460 in increment of 5) 108cells: PE-xxxHM (xxx = 385-415 in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types:	PV Modules with Half-cut Mono-crystalline Silicon Solar Cells (156.75mm to 166mm): 144cells: PE-xxxHM (xxx = 365-445, in increment of 5) 132cells: PE-xxxHM (xxx = 335-405, in increment of 5) 120cells: PE-xxxHM (xxx = 305-370, in increment of 5) 96cells: PE-xxxHM (xxx = 245-270, in increment of 5) 72cells: PE-xxxHM (xxx = 185-205, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)



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Module types:

**PV Modules with Half-cut Mono-crystalline Silicon Solar Cells
(156.75mm to 166mm):**

48cells: PE-xxxHM (xxx = 120-135, in increment of 5)

36cells: PE-xxxHM (xxx = 90-100, in increment of 5)

24cells: PE-xxxHM (xxx = 60-65, in increment of 5)

18cells: PE-xxxHM (xxx = 45-50, in increment of 5)

12cells: PE-xxxHM (xxx = 30-35, in increment of 5)

10cells: PE-25HM

8cells: PE-20HM

6cells: PE-15HM

4cells: PE-10HM

2cells: PE-5HM

Maximum system voltage: 1000V

Fuse rating: 15A

Electrical protection class: Class II

Pollution degree: 1

Material group: I

Design load (positive / negative): 3600Pa / 1600Pa

Safety factors: 1.5

Fire safety class: Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Remark:

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