

# Certificate



Certificate no.

CU 72228537 01

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 001

**Client Reference:** 2349884

**Tested to:** UL 61730-1:2017 R4.20  
UL 61730-2:2017 R11.20  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

Type:  
with monocrystalline half cut bifacial cells:

PE-xxxHB (xxx = 530 - 555 in steps of 1, 144 cells)

PE-xxxHB (xxx = 480 - 505 in steps of 1, 132 cells)

PE-xxxHB (xxx = 435 - 455 in steps of 1, 120 cells)

xxx represent output power in Wp

Maximum system voltage : 1500 V DC (Voc at STC)

Over-current protection rating : 25 A

Max. positive Design Load (downward): 3600 Pa

Max. negative Design Load (upward) : 1600 Pa

with safety factor 1.5

7

Appendix: 1, 1-9

7

**Licensed Test mark:**

**Date of Issue**

**(day/mo/yr)**

03/01/2023



# Certificate



Certificate no.

CU 72228537 02

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 002

**Client Reference:** 2349884

**Tested to:**

UL 61730-1:2022  
UL 61730-2:2022  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

as page 1 /

1

- standard update, type extension with:

types with monocrystalline half cut bifacial G12 cells:

PE-xxxG12HGB (xxx = 645 - 670 in steps of 1, 132 cells)

types with monocrystalline half cut bifacial M10 cells:

PE-xxxHGB (xxx = 530 - 560 in steps of 1, 144 cells)

PE-xxxHGB (xxx = 485 - 505 in steps of 1, 132 cells)

PE-xxxHGB (xxx = 440 - 455 in steps of 1, 120 cells)

PE-xxxHGB (xxx = 385 - 400 in steps of 1, 108 cells)

types with monocrystalline half cut bifacial cells:

PE-xxxHB (xxx = 390 - 400 in steps of 1, 108 cells)

xxx represent output power in Wp

1

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**Licensed Test mark:**

**Date of Issue**

(day/mo/yr)

11/08/2023





# Certificate



Certificate no.

CU 72228537 03

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 005

**Client Reference:** 2349884

**Tested to:**

UL 61730-1:2022  
UL 61730-2:2022  
UL 61215-1:2021  
UL 61215-1-1:2021  
UL 61215-2:2021  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

as pages 1 and 2 /  
- use of additopnal components and materials  
- type extension:  
types with monocrystalline half-cut M10 bifacial cells  
PE-xxxTHB144 (xxx = 545 - 565 in steps of 1, 144 cells)  
PE-xxxHB (xxx = 525 - 555 in steps of 1, 144 cells)  
PE-xxxHGB (xxx = 525 - 560 in steps of 1, 144 cells)  
xxx represent output power in Wp

1

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**Licensed Test mark:**

**Date of Issue**

**(day/mo/yr)**

28/02/2024



# Certificate



Certificate no.

CU 72228537 04

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 006

**Client Reference:** 2349884

**Tested to:**

UL 61730-1:2022  
UL 61730-2:2022  
UL 61215-1:2021  
UL 61215-1-1:2021  
UL 61215-2:2021  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

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1

- use of additopnal components and materials

- type extension:

with monocrystalline half-cut M10 bifacial Topcon cells:

PE-xxxTHGB144 (xxx=555-590 in steps of 1, 144 cells)

PE-xxxTHGB120 (xxx=440-460 in steps of 1, 120 cells)

PE-xxxTHGB108 (xxx=405-415 in steps of 1, 108 cells)

PE-xxxTHB144 (xxx=545-570 in steps of 1, 144 cells)

PE-xxxTHB132 (xxx=490-520 in steps of 1, 132 cells)

PE-xxxTHB120 (xxx=440-465 in steps of 1, 120 cells)

PE-xxxTHB108 (xxx=405-420 in steps of 1, 108 cells)

xxx represent output power in Wp

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Appendix: 1, 1-20

**Licensed Test mark:**

**Date of Issue**

**(day/mo/yr)**

23/05/2024





# Certificate



Certificate no.

CU 72228537 05

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 006

**Client Reference:** 2349884

**Tested to:**

UL 61730-1:2022  
UL 61730-2:2022  
UL 61215-1:2021  
UL 61215-1-1:2021  
UL 61215-2:2021  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

- type extension:  
with monocrystalline half-cut M10 bifacial Perc cells:  
PEI-144-xxxHB-M10 (xxx=525-555 in steps of 1, 144 cells)  
PEI-132-xxxHB-M10 (xxx=480-505 in steps of 1, 132 cells)  
PEI-120-xxxHB-M10 (xxx=435-455 in steps of 1, 120 cells)  
PEI-108-xxxHB-M10 (xxx=390-400 in steps of 1, 108 cells)  
PEI-144-xxxHGB-M10 (xxx=525-560 in steps of 1, 144 cells)  
PEI-132-xxxHGB-M10 (xxx=485-505 in steps of 1, 132 cells)  
PEI-120-xxxHGB-M10 (xxx=440-455 in steps of 1, 120 cells)  
PEI-108-xxxHGB-M10 (xxx=385-400 in steps of 1, 108 cells)  
xxx represent output power in Wp

1

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**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)  
23/05/2024

# Certificate



Certificate no.

CU 72228537 06

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 006

**Client Reference:** 2349884

**Tested to:**

UL 61730-1:2022  
UL 61730-2:2022  
UL 61215-1:2021  
UL 61215-1-1:2021  
UL 61215-2:2021  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

- type extension:  
with monocrystalline half-cut M10 bifacial Topcon cells:  
PEI-144-xxxTHB-M10 (xxx=545-570 in steps of 1, 144 cells)  
PEI-132-xxxTHB-M10 (xxx=490-520 in steps of 1, 132 cells)  
PEI-120-xxxTHB-M10 (xxx=440-465 in steps of 1, 120 cells)  
PEI-108-xxxTHB-M10 (xxx=405-420 in steps of 1, 108 cells)  
PEI-144-xxxTHGB-M10 (xxx=555-590 in steps of 1, 144 cells)  
PEI-120-xxxTHGB-M10 (xxx=440-460 in steps of 1, 120 cells)  
PEI-108-xxxTHGB-M10 (xxx=405-415 in steps of 1, 108 cells)  
with monocrystalline half-cut G12 cells:  
PEI-132-xxxHGB-G12 (xxx=645-670 in steps of 1, 132 cells)  
xxx represent output power in Wp

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Appendix: 1, 1-20

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**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)

23/05/2024



# Certificate



Certificate no.

CU 72228537 07

**License Holder:**

PREMIER ENERGIES  
PHOTOVOLTAIC PRIVATE Ltd.  
Survey No:62(P), 63(P) & 88(P);  
PLOT No. 8/B/1 & 8/B/2, E-City,  
Raviryala, Maheshwaram (M)  
Rangareddy, Telangana 501359  
India

**Manufacturing Plant:**

Premier Energies  
International Private Limited  
PLOT No.S-95 S-96 S-100 S-101 S-102 S-103  
Raviryala Sringagar Village Mahreswaram  
Rangareddy, Telangana 501359  
India

**Test report no.:** USA- IN22P6HU 006

**Client Reference:** 2349884

**Tested to:**

UL 61730-1:2022  
UL 61730-2:2022  
UL 61215-1:2021  
UL 61215-1-1:2021  
UL 61215-2:2021  
CSA C22.2 No. 61730-1:19  
CSA C22.2 No. 61730-2:19

**Certified Product:** Photovoltaic Module

**License Fee - Units**

as pages 1 to 6  
- additional manufacturing plant added: see above (40980982)

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**Licensed Test mark:**



**Date of Issue  
(day/mo/yr)**

23/05/2024