



**SUMMARY OF TEST REPORT**

TEST REPORT NO: HPLI/Test/2303080201/02

DATE: 01/06/2023

(Total Number of Pages in Test Report: 62)

**TEST FORMAT AS PER IS/IEC 61730-1:2004 (First Edition) + A1:2017 + A2:2017**

1. Name of the Manufacturer: Icon Solar En Power Technologies Private Limited

2. Product: Crystalline silicon terrestrial photovoltaic (PV) modules.

3. Model: ISEN590 (Representative Model).

ISEN590 (Tested Model)

156 cells (Cut Cell):

ISEN585 , ISEN580 , ISEN575 , ISEN570 , ISEN565 , ISEN560 (Series models).

144 cells (Cut Cell):

ISEN555 , ISEN550 , ISEN545 , ISEN540 , ISEN535 , ISEN530 , ISEN525 , ISEN520 (Series models).

132 cells (Cut Cell):

ISEN510 , ISEN500 (Series models).

120 cells (Cut Cell):

ISEN460 , ISEN455 , ISEN450 , ISEN445 , ISEN440 , ISEN435 , ISEN430 , ISEN425 , ISEN420 (Series models).

108 cells (Cut Cell):

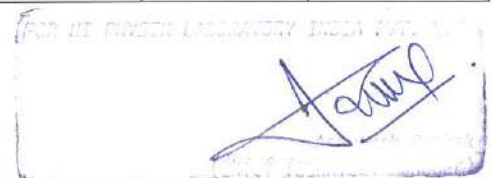
ISEN410 , ISEN405 , ISEN400 , ISEN395 , ISEN390 , ISEN385 , ISEN380 (Series models).

4. Model differences provided (if applicable): Yes

5. Model differences verified as per MNRE Guidelines for series approval: Yes

6. Test Results:

SL. NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1	Application Classes	3	P
2	Construction Requirements	4	P
3	Polymeric Materials	5	P
4	Internal Wiring And Current-Carrying Parts	6	P
5	Connections	7	P
6	Bonding And Grounding	8	P
7	Creepage and clearance distances	9	P
8	Field Wiring Compartments With Covers	10	P





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9	Marking	11	P
10	Requirements for supplied documents	12	P

**General Information:**

1. The conformity certificates of components/parts wherever applicable are verified to ensure complete testing of products under test and details regarding harmonized IEC standards (where IEC standards are not available) are also provided in the list of components/parts (description of module construction) wherever applicable.

**CONCLUSION:**

1. Sample meets all relevant requirements of IS/IEC61730-1:2004 (First Edition) + A1:2017 + A2:2017
2. Sample fails to meet the following test requirements.

I, hereby undertake that the verdict stated in the test reports for all the test matches with the test results. The sample meets/~~does not~~ meets all relevant requirements stated above of IS/IEC61730-1:2004 (First Edition) + A1:2017 + A2:2017.

FOR THE MANAGER CALIBRATION DIVISION HPLI INDIA PVT. LTD.

**DATE: 01/06/2023**

(Signature of Authorized person with Stamp)