



Certificate No: T-1432



ULI-NABL(ELT)-MNRE-0014/2011

**UL Verification Test Report**

Type: Solar Photovoltaic (PV) Modules

Name and Address of Applicant: AJIT SOLAR PVT LTD, NATIONAL MOTOR BLDG, M I RD, JAIPUR , RJ 302001, INDIA.

Scope of Work: Testing of Solar Photovoltaic modules as per **IEC 61701 Standard for SALT MIST CORROSION TESTING OF PHOTOVOLTAIC (PV) MODULES**

Model Number: ASPL -V60 230.

Serial Number & Sample Number: 1. ASPL -V60 230 – 1147513

Number of samples Tested: one

Name of Frame Manufacturer: IndoalSYS Industries Ltd., Type - 6063 T6

Thickness of Aluminum Coating: 17 Microns

Coating/ plating Process: Anodisation.

Date(s) of Test(s): 2011-07-09 to 2011-07-18

**Particulars of tests conducted:**

**Salt Mist test**

Sampling Plan:

Sample ASPL -V60 230 was submitted for testing

Test Conditions:

- A) Initial Measurements.**
- i. Visual inspection.
  - ii. I-V characteristic at STC
  - iii. Insulation test
- B) Salt Mist Test (96 Hours).**
- C) Final measurements.**
- i. Visual inspection.
  - ii. I-V characteristic at STC
  - iii. Insulation test

Test Results:

See test report No. ULI-NABL(ELT)-GEN-0005/2011

Test Engineer

*Lakshimikantib*



Authorized signatory

*Sripam Saurabh*

Project No.	11CA35120
Client File No.	SV18975
Report Issued By	UL India Pvt. Ltd.
Date	July 18, 2011



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Enclosure:

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### Annexure A

### Summary of test results

#### Test results:

Test No.	Test Name	Results
1	Visual Inspection Test (Before Salt Mist Test)	1. No mechanical deterioration of module components observed. 2. No mechanical corrosion of module components observed
2	Maximum Power Determination (Before Salt Mist Test)	Maximum Power Attained :- 1. ASPL -V60 230 - 234.674 Wp
3	Insulation Test (Before Salt Mist Test)	No Insulation breakdown was observed
4	Salt Mist Test (96 hours)	No mechanical deterioration or corrosion of module components was observed.
5	Visual Inspection Test (After Salt Mist Test)	1. No mechanical deterioration of module components observed. 2. No mechanical corrosion of module components observed
6	Maximum Power Determination (After Salt Mist Test)	Maximum Power Attained :- 1. ASPL -V60 230 - 236.218 Wp
7	Insulation Test (After Salt Mist Test)	No Insulation breakdown was observed



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