

National Institute of Solar Energy

AS PER THE TEST REPORT NO. 352/225/2017-18/NISE/IEC61701 THE PHOTOVOLTAIC MODULES BEARING MODEL NO IB310W-24 V MANUFACTURED AND SUBMITTED BY M/S. INTEGRATED BATTERIES INDIA PVT. LTD, D-127, SECTOR -63, NOIDA (UP), INDIA. TESTED AT NISE MEETS THE REQUIREMENT TO PASS THE SALT MIST CORROSION TESTING OF PV MODULE AS PER IEC 61701:2011.

TEST CONDITION:

Severity level : 1
Test conditions : 4 cycles (1 Cycle: 2h spraying @35 ±2°C, & 7days humidity storage at (40±2) °C, 90 – 95%RH)
Corrosive atmosphere : 5% NaCl- solution and 95% DM water
pH- value of salt solution : 6.8 to 7.2 @ 25 ±2°C
Test duration : 28 days

MODEL TESTED: 310 W-24 V (310 W_p MODULE 72 CELLS IN SERIES 1 IN PARALLEL)

TYPES EXTENDED FOR SIMILARITY WITH MULTI CRYSTALLINE SILICON SOLAR CELL TECHNOLOGY AS PER IEC 61701:2011 (Modules made with no cut cell and no change in Bill of material)

Models Covered:

IB180605, IB180610, IB361205, IB361210, IB361220, IB361230, IB361237, IB361240, IB361250, IB361260, IB361270, IB361275, IB361280, IB361290, IB3612100, IB3612120, IB3612125, IB3612140, IB3612150, IB212200, IB721225, IB7212250, IB7212300, IB7212305, IB7212310, IB7224100, IB7224150, IB7224200, IB7224225, IB7224250, IB7224300, IB7224305, IB7224310, IB7224315, IB7224320, IB7224325, IB4816200, IB6024250, IB5420225, IB6020260, IB7224330, IB7224340

Gopal Kumar

Prepared
Gopal Kumar
(SRS)

Date: 3/8/18

B30m

Reviewed By
Birinchi Bora
(SRS)

Date: 3/8/2018

Rajesh Kumar
03/09/2018

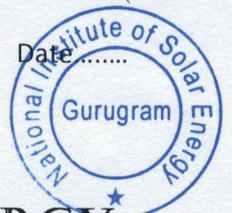
Authorized Signatory
Dr. Rajesh Kumar
(D.D.G, NISE)

Date:

Issued By

Rajesh Kumar
6/8/2018

Date:



NATIONAL INSTITUTE OF SOLAR ENERGY

(FORMERLY KNOWN AS SOLAR ENERGY CENTRE)

(An autonomous institute of Ministry of New & Renewable Energy, Government of India)

Village & Post-Gwalpahari, Dist-Gurgaon, (Haryana), Pin – 122003.

Ph. 0124-2579251 (CSC), Fax: 0124-2579207