NISE 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

AS PER THE TEST REPORT NO. 352/225/2017-18/NISE/IEC-61701 DATED 21/09/2017 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

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 Wp MODULE 72 CELLS IN SERIES 1 IN PARALLEL)

TYPES EXTENDED FOR SIMILARITY WITH MULTI CRYSTALLINE SILICON SOLAR CELL TECHONOLOGY AS PER IEC 61701:2011 (Modules made with no cut cell and no change

Models Covered:

Number of cell/ Rating	Model Number
36Cells110Wp	IB3612110
	IB3612160
	IB3612170
	IB4816225 IB6024260
	IB6024260 IB6024270
	IB7224260
	IB7224265
	IB7224205
	IB7224330
72Cells340Wp	IB7224335 IB7224340 IISE
	Number of cell/ Rating 36Cells110Wp 36Cells160Wp 36Cells170Wp 48Cells225Wp 60Cells260Wp 60Cells270Wp 72Cells260Wp 72Cells265Wp 72Cells270Wp 72Cells330Wp 72Cells335Wp 72Cells340Wp

Prepared By

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AS PER THE TEST REPORT NO. 352/225/2017-18/NISE/IEC DATED 13/06/2017 THE PHOTOVOLTAIC MODULES BEARING MODEL 310Wp - 24V MANUFACTURED AND SUBMITTED BY M/S INTEGRATED BATTERIES INDIA PVT. LTD., D-127, SECTOR 63, NOIDA, U.P. FOR TESTING AT NISE MEETS THE REQUIREMENT AS PER IEC 61215

TYPES EXTENDED FOR SIMILARITY WITH TECHNOLOGY WITHOUT NEED OF RE- TESTING (ACCORDING TO IEC RETESTING GUIDELINE).

Type

310Wp-24V

Cell Number

Cell Size

6"

Power (W)

310

MODELS COVERED:

Sr. No	Number of cell/ Rating	Model Number	
1	36Cells110Wp		
2	36Cells160Wp	IB3612110	
3	36Cells170Wp	IB3612160	
4	48Cells225Wp	IB3612170	
5		IB4816225	
6	60Cells260Wp	IB6024260	
7	60Cells270Wp	IB6024270	
1	72Cells260Wp	IB7224260	_
8	72Cells265Wp	IB7224265	
9	72Cells270Wp		
10	72Cells330Wp	IB7224270	
11	72Cells335Wp	IB7224330	
2	72Cells340Wp	IB7224335	
_	/2Cens340Wp	IB7224340	

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