NATIONAL INSTITUTE OF SOLAR ENERGY

NISE

(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 THE PHOTOVOLTAIC $MODULES\ BEARING\ MODEL\ SFTI\ 310Wp-24V\ MANUFACTURED\ AND\ SUBMITTED$ BY M/S INTEGRATED BATTERIES INDIA PVT. LTD., D-127, SECTOR 63, NOIDA, U.P. FOR TESTING AT NISE MEETS THE REQUIREMENT FOR THE FOLLOWING.

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

Model no.

310Wp-24V

Cell Number

72

Cell Size

6"

Power (W)

310 Wp

Module Type

Multi Crystalline Silicon

IEC 61730-1

AS PER TEST REPORT NO. 352/225/2017-18/NISE/IEC 61730-1

IEC 61730-2*

AS PER TEST REPORT NO. 352/225/2017-18/NISE/IEC 61730-2

*Module breakdge test has been done at static pressure & fire test is not conducted

MODELS COVERED:

Sr. No	Number of cell/ Rating	Model Number
1	36Cells110Wp	IB3612110
2	36Cells160Wp	IB3612160
3	36Cells170Wp	IB3612170
4	48Cells225Wp	IB4816225
5	60Cells260Wp	IB6024260
6	60Cells270Wp	IB6024270
7	72Cells260Wp	IB7224260
8	72Cells265Wp	IB7224265
9	72Cells270Wp	IB7224270
10	72Cells330Wp	IB7224330
11	72Cells335Wp	IB7224335
12	72Cells340Wp	IB7224340

Prepared By

Manander Bangar

Project Scientist 'B'

Reviewed By Birinchi Bora

Dy. Director

Authorized Signatory

Dr. Chandan banerjee

Dy. Director Gen.

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AS PER THE TEST REPORT NO. 460/2017-18/PID/NISE THE PHOTOVOLTAIC MODULES BEARING MODEL NO IB7224320 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 TO PASS THE POTENTIAL INDUCED DEGRADATION TEST AS PER MNRE SPECIFICATIONS FOLLOWING THE TEST PROCEDURE AS PER IEC TS 62804-1: 2015.

TYPES EXTENDED FOR SIMILARITY WITH MULTI CRYSTALLINE SILICON CELL TECHNOLOGY AS PER IEC TS 62804 -1: 2015 (MODULES MADE WITH NO CUT CELL AND NO CHANGE IN BILL OF MATERIAL)

MODELS COVERED:

NISE

Manuel Ul Cell/ Rafing	70.00	
Number of cell/ Rating	Model Number	
36Cells160Wp		
36Cells170W-	IB3612160	
48Cells225W	IB3612170	
60Cells260W-	IB4816225	
	IB6024260	
72Collo2COV	IB6024270	
72Cells200Wp		
		- 11
72Cells340Wp		
	36Cells110Wp 36Cells160Wp 36Cells170Wp 48Cells225Wp 60Cells260Wp 60Cells270Wp 72Cells260Wp 72Cells265Wp 72Cells330Wp 72Cells335Wp 72Cells340Wp	36Cells160Wp IB3612110 36Cells170Wp IB3612160 36Cells170Wp IB3612170 48Cells225Wp IB4816225 60Cells260Wp IB6024260 60Cells270Wp IB6024270 72Cells265Wp IB7224260 72Cells270Wp IB7224265 72Cells270Wp IB7224270 72Cells330Wp IB7224330 72Cells335Wp IB7224335

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Authorized Signatory

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