

NISE NATIONAL INSTITUTE OF SOLAR ENERGY

(FORMERLY KNOWN AS SOLAR ENERGY CENTRE)

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

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AS PER THE TEST REPORT NO. 217/2017-18/PID/NISE DATED 24/01/2018 THE PHOTOVOLTAIC MODULES BEARING MODEL NSA-320 MANUFACTURED AND SUBMITTED BY M/S. NAVITAS GREEN SOLUTIONS PVT. LTD, PLOT NO. B 20/3, ROAD NO. 13-14, HOJIWALA INDUSTRIAL ESTATE, SACHIN – PALSANA HIGHWAY, SURAT – 394230 (GUJARAT), INDIA TESTED 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.

TEST CONDITION: 4 MODULES [2(+V) and 2(-V)] BIASED AT 1000 V AND SUBJECTED TO 3 CYCLES AT 85% RELATIVE HUMIDITY AND 85°C TEMPERATURE FOR 96 HOURS IN AN ENVIRONMENTAL CHAMBER (TEST PROCEDURE AS PER IEC TS 62804-1: 2015)

MODEL TESTED: NSA 320

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

Models Covered: Poly Crystalline Modules- Model Range

NSAxxx (xxx = 275 - 335, in steps of 5, 72 cells)

NSAxxx (xxx = 230 - 275, in steps of 5, 60 cells)

NSAxxx (xxx = 205 - 250, in steps of 5, 54 cells)

NSAxxx (xxx = 185 - 220, in steps of 5, 48 cells)

NSAxxx (xxx = 140 - 165, in steps of 5, 36 cells)

Prepared

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(SRS)

Date

Phone 3/3/2011

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Date

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