




TC- 6168



**Test Report issued under the responsibility of:**

<b>TEST REPORT</b> <b>IS/IEC 61730-2:2004+A1:2017</b> <b>PV Module Safety Qualification</b> <b>Part 2: Requirements for testing</b>	
<b>Report Number</b> .....	4790300038-BIS-S3
<b>ULR No.</b> .....	TC61682210000784F
<b>Test Request No.</b> .....	SC22EPI12184
<b>Bar code</b> .....	124412CRS
<b>Encoded Sample code</b> .....	22EAC7CN
<b>Date of issue</b> .....(mm/dd/yyyy):	12/30/2022
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<b>Name of Testing Laboratory preparing the Report</b> .....	UL India Pvt. Ltd. Laboratory Building, Kalyani Platina Campus, Survey. No. 129/4, EPIP Zone, Phase II, Whitefield, IN-560066, Bangalore, India
<b>Applicant's name</b> .....	PAHAL SOLAR
<b>Address</b> .....	189, Block No: 71, Opp- Shiv Shakti Estate, Olpad-Sayan Road, Atodara, Olpad, Dist.Surat, GJ- 394540, INDIA
<b>Test specification:</b>	
<b>Standard</b> .....	IS/IEC 61730-2:2004 (First Edition) +A1:2017
<b>Test procedure</b> .....	IS/IEC 61730-2:2004 (First Edition) +A1:2017
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IS/IEC61730-2_V1.0
<b>Test Report Form(s) Originator</b> .....	BIS
<b>Master TRF</b> .....	Dated 19.02.2018
<b>General disclaimer:</b>	The test results presented in this report relate only to the object tested.

<b>Test item description</b> ..... :	Photovoltaic (PV) Module(s)
<b>Trade Mark</b> ..... :	
<b>Manufacturer</b> .....	PAHAL SOLAR
<b>Address</b> ..... :	189, Block No: 71, Opp- Shiv Shakti Estate, Olpad Sayan Road, Atodara, Olpad. Dist.Surat, GJ- 394540, INDIA
<b>Model/Type reference</b> .....	<p><b>Mono Crystalline:</b></p> <p><b>(Representative Model): PS_550</b></p> <p><b>Series Models: <u>144 Cell - Cut cell (182X 91):</u></b> PS_545, PS_540, PS_535, PS_530, PS_525</p> <p><b><u>132 Cell - Cut cell (182X91):</u></b> PS_500, PS_495, PS_490, PS_485, PS_480</p> <p><b><u>120 Cell - Cut cell (182X91) :</u></b> PS_460, PS_455, PS_450</p> <p><b><u>144 Cell - Cut cell (166 X83):</u></b> PS_445, PS_440, PS_435, PS_430</p> <p><b><u>132 Cell - Cut cell (166 X 83):</u></b> PS_415, PS_410, PS_405, PS_400, PS_395</p> <p><b><u>132 Cell - Cut Cell (157X83):</u></b> PS_380, PS_375, PS_370, PS_365, PS_360</p> <p><b><u>120 Cell - Cut Cell) (157X83):</u></b> PS_350, PS_345, PS_340, PS_335, PS_330</p> <p><b><u>108 Cell - Cut Cell) (157X83):</u></b> PS_310, PS_305, PS_300, PS_295</p>
<b>Ratings</b> ..... :	<p>Maximum System Voltage: 1500V</p> <p>Maximum over current protection rating: 25A</p> <p>For specific electrical ratings Refer to Annex 3</p>