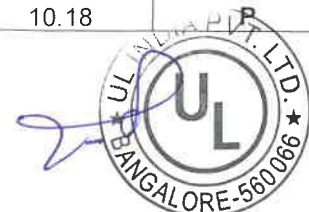


SUMMARY OF TEST REPORT No. 4788466866-BIS-S1, DATED(mm/dd/yyyy): 11/23/2018
ULR No. TC61681800000116F

(Number of pages in test report: Page no.1 to 59)

TEST FORMAT AS PER IS 14286: 2010

1. Name of manufacturer:	GANCO ENERGY INDIA PRIVATE LIMITED		
2. Product:	Poly Crystalline Silicon Photovoltaic (PV) Modules		
3. Models:	<p>72 cells (Full cells) GE-72P-310Wp (Representative Model)</p> <p>72 Cell Series: GE-72P-320Wp, GE-72P-315Wp, GE-72P-305Wp, GE-72P-300Wp (Series Models)</p> <p>60 Cell Series: GE-60P-270Wp, GE-60P-265Wp, GE-60P-260Wp, GE-60P-255Wp, GE-60P-250Wp (Series Models)</p> <p>36 Cell Series: GE-36P-160Wp, GE-36P-155Wp, GE-36P-150Wp, GE-36P-145Wp, GE-36P-140Wp (Series Models)</p>		
4. Model differences provided	YES		
5. Model differences verified as per MNRE Guidelines for series formulation	YES		
6. Test Results:			
SL. No.	TEST REQUIREMENTS	CLAUSE	VERDICT
1	Marking	4	P
2	Visual Inspection	10.1	P
3	Maximum Power Determination	10.2	P
4	Insulation Test	10.3	P
5	Measurement of Temperature Coefficients.	10.4	P
6	Measurement of NOCT	10.5	P
7	Performance at STC and NOCT	10.6	P
8	Performance at low irradiance.	10.7	P
9	Outdoor exposure test	10.8	P
10	Hot-spot endurance test	10.9	P
11	UV preconditioning	10.10	P
12	Thermal cycling test	10.11	P
13	Humidity freeze test	10.12	P
14	Damp heat test	10.13	P
15	Robustness of termination test	10.14	P
16	Wet leakage current test	10.15	P
17	Mechanical load test	10.16	P
18	Hail test	10.17	P
19	Bypass diode thermal test	10.18	P



**SUMMARY OF TEST REPORT No. 4788466866-BIS-S1, DATED(mm/dd/yyyy): 11/23/2018
ULR No. TC616818000000116F**

General Information:

1. The conformity certificates of critical components are verified to ensure complete testing of apparatus under test and details regarding harmonized IEC/UL standards (where IS standards are not available) are also provided in the list of critical component.

CONCLUSION:

1. Sample meets all relevant requirements of IS 14286: 2010: **Yes**

Date(mm/dd/yyyy): 11/23/2018

(Signature of Authorized person with stamp)

