

# INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

[A Division of NATRIP Implementation Society (NATIS), Govt. of India]

Non-Transferable

## TEST REPORT

Test Report No.: C T 0 G S 9 2 0 0



Date: 03.04.2023

**1.0. NAME AND ADDRESS OF THE: CUSTOMER** M/s. IPOWER BATTERIES PRIVATE LIMITED  
PLOT NO-82, FIRST FLOOR, SECTOR-53, PHASE-V, HSIIDC  
INDUSTRIAL ESTATE KUNDLI SONIPAT, HARYANA-131028.






**1.1 NAME AND ADDRESS OF THE : MANUFACTURER** Same as Sr. No. 1.0

**2.0 CUSTOMER LETTER REF** : EEL\_246

**3.0 DESCRIPTION OF DEVICE UNDER TEST (DUT):**

Sr. No.	Particulars	Description	Photos
1	<b>REESS</b>		<b>Battery Photo</b>
1.1	DUT NAME	Battery Pack	
1.2	Trade Mark	IPOWER	
1.3	Battery Type	LFP	
1.4	Battery Pack Capacity(Ah)	210Ah	
1.5	Battery Operating Voltage	40 V to 58.4 V	
1.6	Battery Nominal Voltage	51.2 V	
1.7	Battery Pack Id/Model No.	LFP51.2V210AH	
1.8	Configuration Of Cells	16S2P	
1.9	Battery Dimensions (*b*h)	660mmX435mmX280mm	
1.10	Battery Weight In (Kg)	85Kg	
2.0	<b>Cell</b>		<b>Cell photo</b>
2.1	Cell Manufacture Name	Jiangsu Highstar Battery Manufacturing Co.. LTD	
2.2	Cell Chemistry, Form Factor & Dimensions	LFP, Prismatic and Length 130mm X Width 40mm X Height 220mm	
2.3	Cell Nominal Voltage & Capacity	3.2V & 105 Ah	
2.4	Cell Model No.	IFP40130220-100	
2.5	Cell operating voltage range	2.5V to 3.65V	
2.6	Cell Batch no.	CELP	
3.0	<b>BMS</b>		<b>BMS Photo</b>
3.1	BMS Make	IPOWER	
3.2	BMS Model/ Part no./Id. No./Batch No.	17S40AMPS	
3.3	BMS Software Version/ Hardware Version	V1.71 / 17S40AMPS	
3.4	BMS Communication Protocol	CAN & RS485	

\*This test report should read along with the report no. CT0GS9138 dated 23.03.2023.

Prepared By	Checked & Authorized By	Approved By	
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