

अंतर्राष्ट्रीय ऑटोमोटिव प्रौद्योगिकी केन्द्र  
INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY  
[A Division of NATRiP Implementation Society (NATIS), Govt. of India]




Non-Transferable

TEST REPORT






Test Report No.: C T 2 G S 9 2 1 7

Date: 12.04.2023

- 1.0. NAME AND ADDRESS OF THE: **CUSTOMER** M/s. IPOWERR 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\_245
- 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)	100Ah (Ah in 3 hrs)	
1.5	Battery Operating Voltage	40V to 58.4V	
1.6	Battery Nominal Voltage	51.2V	
1.7	Battery Pack Id/Model No.	LFP51.2V100AH	
1.8	Configuration Of Cells	16S1P	
1.9	Battery Dimensions (l*b*h)	500 x 310 x 285 mm	
1.10	Battery Weight In (Kg)	55kg	
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, PRISMATC Length:130, Width:40±2mm,Height:220±0.2mm	
2.3	Cell Nominal Voltage & Capacity	3.2V& 100Ah	
2.4	Cell Model No.	IFP40130220-100	
2.5	Cell operating voltage range	2.5V to 3.65V	
2.6	Cell Batch no.	CELLF	
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. CT0GR9199 dated 22.07.2022, CT1GS9137 dated 23.03.2023.

Prepared By	Checked & Authorized By	Approved By	
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