

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.: CT3GS9211




Date: 06.04.2023

**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\_243

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

Sr. No.	Particulars	Description	Photos
<b>1</b>	<b>REESS</b>		<b>Battery Photo</b>
1.1	DUT NAME	Battery Pack	
1.2	Trade Mark	Ipower	
1.3	Battery Type	Lithium-ion(NMC)	
1.4	Battery Pack Capacity(Ah)	50 Ah	
1.5	Battery Operating Voltage	46.75 V to 71.4 V	
1.6	Battery Nominal Voltage	62.9 V	
1.7	Battery Pack Id/Model No.	LI-ION 60V50AH	
1.8	Configuration Of Cells	17S20P	
1.9	Battery Dimensions (l*b*h)	(220 x 169 x 401) mm	
1.10	Battery Weight In (Kg)	24Kg	
<b>2.0</b>	<b>Cell</b>		<b>Cell photo</b>
2.1	Cell Manufacture Name	Shenzhen BAK Energy Co., Ltd	
2.2	Cell Chemistry, Form Factor & Dimensions	NMC,CYLINDRICAL 18650, height: 65 mm, Dia: 18 mm	
2.3	Cell Nominal Voltage & Capacity	3.7V & 2.6Ah	
2.4	Cell Model No.	H18650CQ	
2.5	Cell operating voltage range	2.75V - 4.20V	
2.6	Cell Batch no.	CEL01320	
<b>3.0</b>	<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.CT1GR9081 and CT2GS903.

Prepared By	Checked & Authorized By	Approved By	  Page 01 of 08 + DWG. [EEL_243]
			
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