

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 0




Date: 06.04.2023

1.0. NAME AND ADDRESS OF THE: **M/s. IPOWEE BATTERIES PRIVATE LIMITED**  
CUSTOMER PLOT N0-82, FIRST FLOOR, SECTOR-53, PHASE-V, HSIIDC  
INDUSTRIAL ESTATE KUNDLI SONIPAT, HARYANA-131028.






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

2.0 CUSTOMER LETTER REF : **EEL\_242**

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	Lithium-ion(NMC)	
1.4	Battery Pack Capacity(Ah)	42 Ah	
1.5	Battery Operating Voltage	46.75 V to 72.25 V	
1.6	Battery Nominal Voltage	62.9 V	
1.7	Battery Paek Id/Model No.	60V42Ah	
1.8	Configuration Of Cells	17S16P	
1.9	Battery Dimensions (l*b*h)	220mm*165mm*345mm	
1.10	Battery Weight In (Kg)	18 Kg	
2.0	<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	
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. CT0GQ9380 and CT1GR9350.

Prepared By	Checked & Authorized By	Approved By	
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