

# Transforming The Transportation Thus Nation

**“Our bit towards the  
eMobility drive”**  
with the best range of  
lithium batteries



**Standardized Batteries** ⚡

**100% Capacity Guaranteed** ⚡

**Instant Replacement** ⚡

**Portable Charger** ⚡

**Made in India** ⚡



## Four Wheeler Battery

LFP / NCM

### SALIENT FEATURES

- ▶ High life cycle
- ▶ Fast charging
- ▶ High discharge rate
- ▶ Current sharing through wire bonding
- ▶ Inbuilt thermal management
- ▶ High energy density
- ▶ Communicative from cell to pack to chassis level

### PROTECTION

- ▶ Explosion proof
- ▶ Dust proof
- ▶ Fire proof
- ▶ Leakage proof
- ▶ Water resistant
- ▶ Fuse protection
- ▶ Over and under values protection
- ▶ Overall vehicle system protection





**eFour Wheeler battery** solutions are also available using automotive grade cell brackets and components, current sharing design with wire bonding technology. Fuse protection at single cell level, voltage insulation and inbuilt Thermal Management System is designed as per vehicle's requirement. Glass Fibre Heating sheet is used for heat dissipation and heating plate acts as safety valve. Approved through a series of tests like Vibration, Nail Penetration, High Temperature Ageing, Extrusion etc makes it best for any kind of four wheeler.

#### 4W Lithium Batteries

No.	Description	Parameter	Unit	EB011
1.	Single Cell			INR26650-50A 3.6 V 5.0Ah
2.	Combination	Configuration		40S24P
3.	Model			48 Cells Module
4.	Nominal Voltage		Vdc	144
5.	Nominal Capacity		Ah	120
6.	Current	Max. Continuous Discharge	A	120
		Charge		60
7.	Voltage Range		Vdc	110~168
8.	Energy kWh		kWh	17.28
9.	Charging protection voltage of cell(V)		Vdc	4.23
10.	Discharging protection voltage of cell			2.6
11.	Installation Position			Under Passenger Cabinet
12.	Cooling Method			Natural Cooling
13.	Total Weight		kg	139
14.	Dimensions	L x W x H	mm	1235 x 685 x 194
15.	Operating Temperature	Charging	°C	0~45
		Discharging		-20~55
16.	Cell Balancing			Yes
17.	Communication			CANBUS

Compatible with EV				
1.	Vehicle Type		Pure electric passenger car	
2.	Compatible Motor	Type	Brushless (BLDC) or DC Induction	
3.	Charging Time	Fast charging ~60 A	Hrs	2~3
		Standard ~30 A		4~5
4.	Max. Speed pickup		km/h	≥ 100
5.	Mileage	Per charge @ (60 km/h)	km	≥165
6.	Load carrying capacity		Nos.	4 persons



The future lies with  
**Future Hi-Tech**

We are committed to deliver world class energy solutions in a safe, reliable, efficient and environmentally sound manner.

We are certified for the essential parameters of the industry which includes:



Further product qualify and some are certified :  
 AIS / R-10 / R-100 / UN38.3 / UNR136 / UL2271 /  
 UL2054 / UL2580

## Future Hi-Tech Batteries Ltd.



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