



Product Description

The system is applied in Electric SUV with long travel distance. Accurate battery management ensure the safety, performance and longevity of the cells.

Specifications

Item		Parameters
Vehicle type		Electric car
Cell	Model	GSNCM46160M-31
	Rated Capacity	31Ah
	Rated voltage	3.7V
	Voltage range	3.0~4.25V
	Energy density	171Wh/Kg
	Dimensions (ϕ *H)	46×177mm
Battery System	System model	GSBSYME70AA42.2-340.4
	Pack Configuration	4P92S (1 box)
	Rated voltage	340.4V
	Rated capacity	124Ah
	Voltage range	276~391V
	Rated energy	42.2KWh
	Rated charge current	124A
	Rated discharge current	124A
	Max. discharge current (15s)	350A
	Communication interface	Vehicle CAN Communication, charger CAN Communication, RS-232
	Power supply	12V(9~18V)
	BMS	Contains BMU, LECU and HMU
	Dimensions (L*W*H)	1581*826*159mm
Cycle life	≥2000	

Characteristic



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- Both the cell and pack exhibits high energy density over 170Wh/Kg and 120Wh/Kg, respectively.
- Laser welded buss bars leading to a lower resistance
- Integrated cell level fusing ensure a high degree of safety
- Allow customization

Application

