



Lithium Ion battery Pack for Pickup Truck

Production Description

This NCM battery system is a rugged, waterproof, high performance lithium battery pack designed to work at complex conditions like steep road. Its intelligent BMS, which provides control, balance and management of the cells, offers an easy interface to controllers to monitor and diagnose the system in real-time.

Specifications

Item		Parameters
Vehicle type		Electric Pickup Truck
Cell	Model	GSNCM46160M-31
Battery system	System model	GSBSLTPKCAA55.1-355.2
	Pack configuration	5P96S
	Rated voltage	355.2V
	Rated capacity	155Ah
	Voltage range	288~403.2V
	Rated energy	55.06KWh
	Rated charge current(SOC < 80%)	93A
	Max charge current(15S)	155A
	Rated discharge current	155A
	Max. discharge current(15S)	310A
	Operating temperature	Charge:-20~+55°C ;Discharge:-20~+60°C
	Communication interface	Vehicle CAN Communication, Charge CAN Communication, RS-232
	Power supply	12V(9 ~ 18V)



BMS	Contains BMU, LECU and HMU
IP degree	IP67
Cycle life	≥1500
High voltage control	External

Characteristics

- 1, Powerful, long-lasting, safe battery system
- 2, Low-cost, fast-charging batteries with an extended driving range
- 3, Compact battery pack design
- 4, Maximum durability under extreme conditions

Application





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