

Product Introduction

Godsend's 3.7V 31Ah NMC battery is the next generation of GSNCM46160M-25 with greater energy density. It offers an excellent combination of price-performance for electric truck, bus, car, golf cart and other electric vehicles.

Specifications

Item	Specification
Model	GSNCM46160M-31
Rated capacity	31Ah
Rated voltage	3.7V
Energy Density	$\geq 171\text{Wh/Kg}$
Standard charge current	1C (31A)
Max. continuous discharge current	4C (124A)
Max. instant discharge current	8C (248A)
Impedance	$\leq 1.5\text{m}\Omega$
Weight	$670\pm 10\text{g}$
Dimensions	Height: $178\pm 1\text{mm}$ Diameter: $46\pm 0.5\text{mm}$
Operating temperature	Charge: $0\sim 45^\circ\text{C}$ Discharge: $-20\sim 60^\circ\text{C}$
Storage temperature	$-10\sim 35^\circ\text{C}$
Low-temperature adaptability	$0^\circ\text{C}(\geq 90\%)$ $-10^\circ\text{C}(\geq 85\%)$ $-20^\circ\text{C}(\geq 75\%)$

Characteristic

- Lighter weight and high capacity
- Metallic housing
- Increased safety and life performance
- Outstanding low temperature adaptability that outperforms LFP battery on industry standard tests
- Proven safety performance with the proprietary explosion-proof valves
- Can be charged under -20°C with our BMS

Product applications



Hybrid Vehicle(384V,40Ah)



Solar Storage(220V,4KW)



Wind Storage(220V, 10KW)



Electric Bus(461V, 132Ah)



Electric SUV(124Ah,340V)



Electric Motorcycle(72V,50AH)

Warnings and Cautions

- Do not discard the battery in fire or a heater
- Do not immerse the battery in water or seawater, and keep the battery in a cool & dry surrounding if it is idle
- Do not use or leave the battery near a heat source as fire or heater
- Do not short-circuit the battery by directly connecting the positive and negative terminals with metal objects
- Do not strike, trample or throw the battery
- If the battery leaked and the electrolyte get into eyes, do not rub eyes, instead, rinse the eyes with clean water, and immediately seek medical attention
- In case the battery terminals are dirty, clean the terminals with a dry cloth before use. Otherwise poor performance may occur due to the loose contact