

FEATURES OF BATTERY

- Function : Bluetooth + BMS Protection+Alarm system(optional)+IP65
- High Power : It can support 280A continuous discharge, 400A(30s)
- Warranty: Provide 5 years Warranty.
- Custom: Print logo and customized colors
- Certificates: MSDS,UN38.3 and CE
- Available models : 36V/ 48V/ 72V/ 105Ah 150Ah 180Ah 210Ah.....
- Warehouse: Fast delivery within 7 days



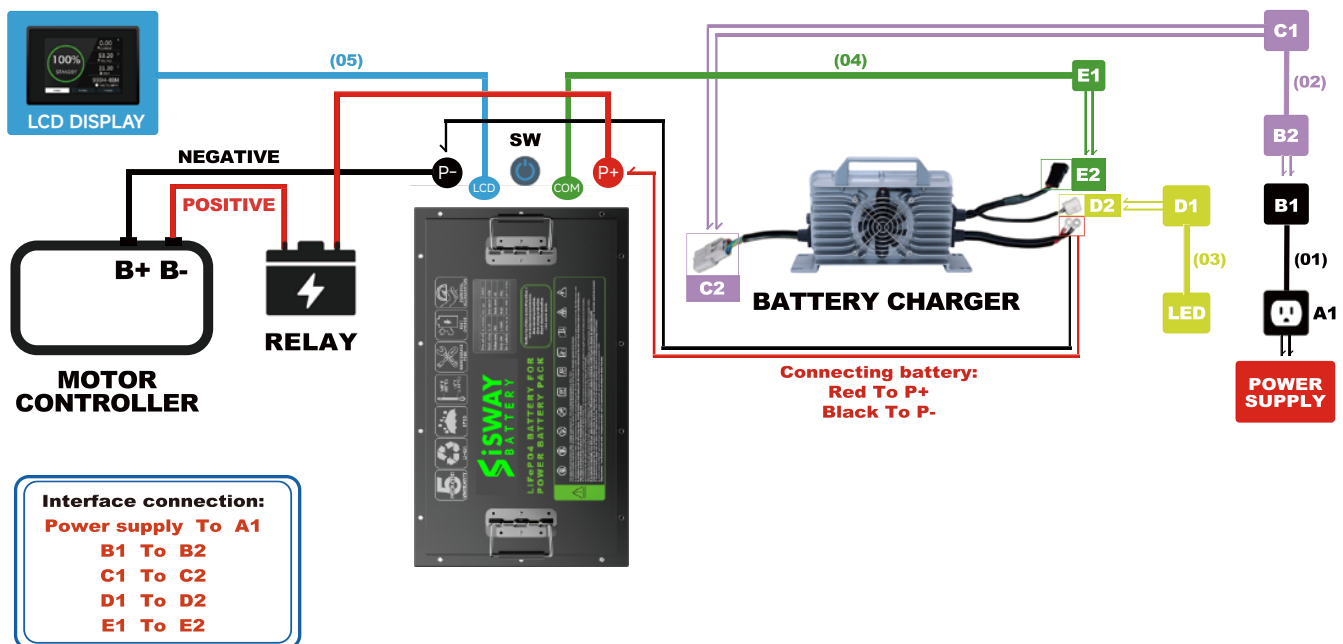
SPECS OF BATTERY AND BMS

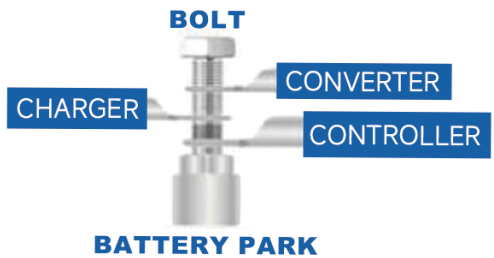
ELECTRICAL SPECIFICATIONS		MECHANICAL SPECIFICATIONS	
Nominal Voltage	144V	Terminal Type	2*M8 Bolts
Nominal Capacity	280Ah	Weight	355kg
Nominal Energy	40.32 kWh	Case Dimension(L*W*H)	1050*800*300 (mm)
Combination type	16S2P	Shipment of products with electricity	50%-70% Current delivery
Charging voltage	164V	Cell type / Chemistry	LiFePO4 EVE Grade A cell
Rated capacity	280Ah	LCD or Bluetooth Function	Both available
Internal resistance	≤60mΩ	Package material	Carton box or pallet
Maximum In Parallel	Optional	BMS:low voltage,high voltage,over temperature,Over current, short-circuit protection .etc	
Discharge Current and Voltage Specifications		Charge Current and Voltage Specifications	
MAX Continuous Discharge Current	280 A	Maximum charge duration current	80A
Peak Current	400A (30s)	Recommended Charge Current	55A
Discharge cutoff voltage	122V	Recommend Charge voltage	164V
Short Circuit Protection	Yes	Balancing Voltage	144V
Safety Specification		COMPLIANCE SPECIFICATIONS	
Short-circuit protection	Yes	Discharge Temperature	-20~+55°C
Low / High Temperature discharging	Yes	Charge Temperature	0 ~+55°C
Low / High Temperature charging	Yes	Storage Temperature Range	-20~+45°C
Over-current discharging	Yes		
Over-current discharging	Yes		
Certificates	IEC62133 UL2580 (Cell) UN38.3,MSDS,CE for pack		



Battery Connection Diagram

				
(01)	(02)	(03)	(04)	(05)





BOLT

CHARGER

BATTERY PARK

CONVERTER

CONTROLLER

Prior to connecting the metal terminals on the harness with screws, it is necessary to ensure that the corresponding connectors are properly aligned. Once this is done, the screws should be tightened. It is important to note that the larger the cable, the closer to the end of the screws it should be. Conversely, the smaller the cable, the closer to the nut it should be.



01.Battery Pack



02.Communication Cable



03.Display Screen



04.Charger



Charger accessories



05.Charging communication cable

M8x16/SUS*3
M8x30/SUS*4

M6x20/SUS*2
M6x30/SUS*8



06.M8 screw 07.M6 screw 08.M6 nut