Shenzhen Sisway New Energy Co.,Ltd.

SW48150 51.2V 150Ah

FEATURES OF BATTERY

- Function : Bluetooth + BMS Protection+Alarm system(optional)+IP65
- High Power : It can support 150A continuous discharge, 200A(10S)
- 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	51.2V	Terminal Type	2*M8 Bolts
Nominal Capacity	150Ah	Weight	70kg
Nominal Energy	7680Wh	Case Dimension(L*W*H)	760*300*269mm ±2mm
Combination type	16S1P	Shipment of products withelectricity	50%-70% Current delivery
Charging voltage	58.4V	Cell type / Chemistry	LiFePO4 EVE Grade A cell
Rated capacity	150Ah	LCD or Bluetooth Functio	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	150A	Maximum charge durationcurrent	40A
Peak Current	300A(3S)	Recommended Charge Current	20A
Discharge cutoff voltage	44V	Recommend Charge voltage	58.4V
Short Circuit Protection	Yes	Balancing Voltage	58.4V
Safety Specification		**COMPLIANCE SPECIFICATIONS**	
Short-circuit protection	Yes	Discharge Temperature	-20~+55°C
Low / High Temperature discharging	Yes	Charge Temperature	0 ~+45°C
Low / High Temperature charging	Yes	Storage Temperature Range	-20~+55°C
Over-current discharging	Yes		
Over-current discharging	Yes		
Certificates	IEC62133 UL2580 (Cell) UN38.3,MSDS,CE for pack		

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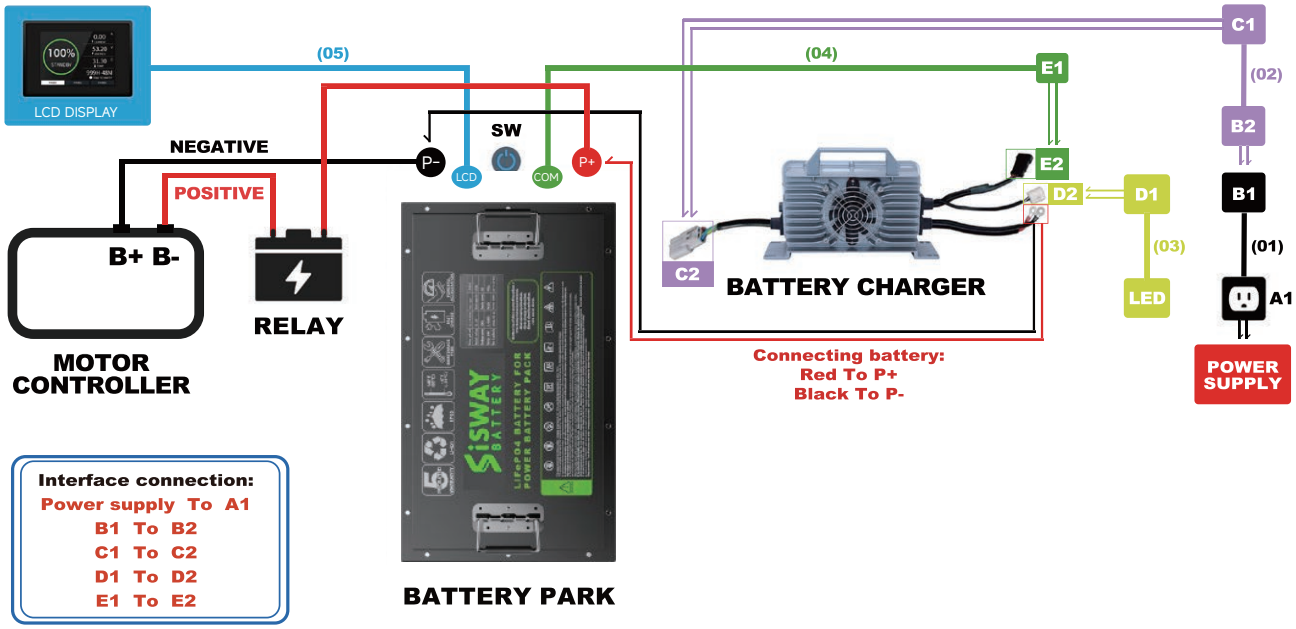
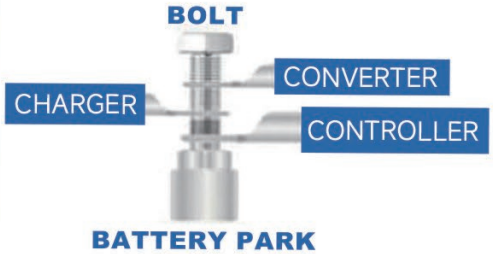
Battery Connection Diagram

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



Interface connection:
Power supply To A1
B1 To B2
C1 To C2
D1 To D2
E1 To E2



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.

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01.Battery Pack

02.Communication Cable

03.Display Screen

04.Charger

05.Charging communication cable

Charger accessories

M8x16/SUS*3
M8x30/SUS*4

06.M8 screw

07.M6 screw

M6x20/SUS*2
M6x30/SUS*8

M8*4
M6*10

08.M6 nut

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