Shenzhen Sisway New Energy Co.,Ltd.

51.2V 100Ah

FEATURES OF BATTERY

- Function : Bluetooth + BMS Protection+Alarm system(optional)+IP65
- High Power : it can support 100A continuous discharge, 200A(2S)
- Warranty: Provide 5 years Warranty.
- Custom : Print logo and customized colors
- Certificates: MSDS,UN38.3 and CE
- Available models : 51.2V100Ah
- Warehouse: Fast delivery within 7 days

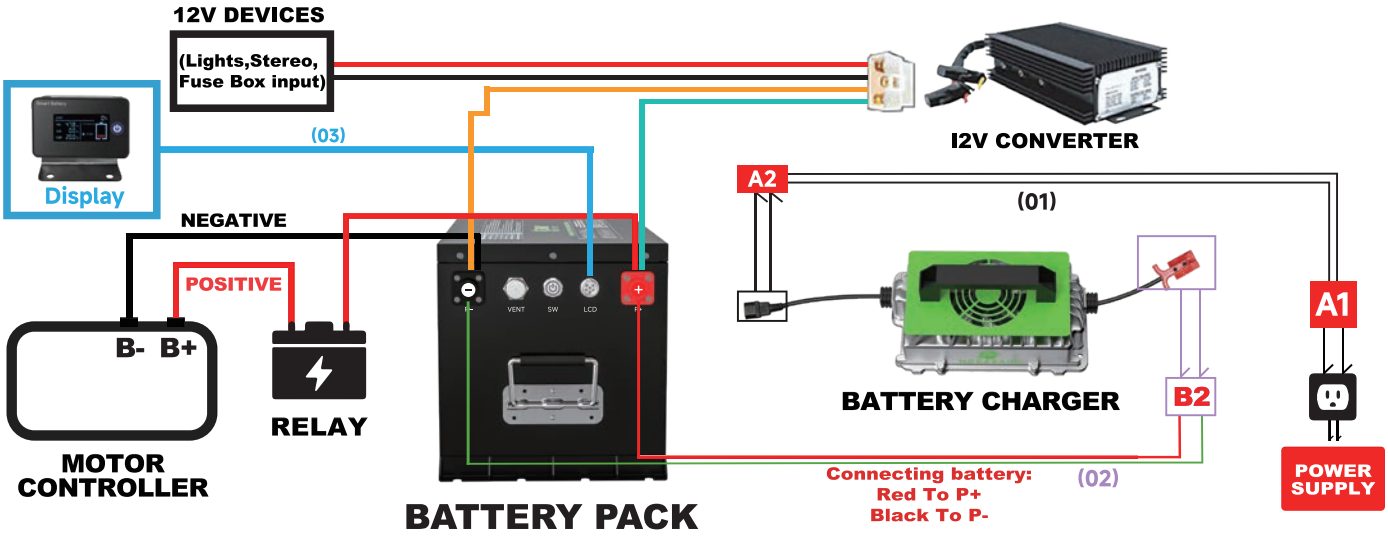
SPECS OF BATTERY AND BMS

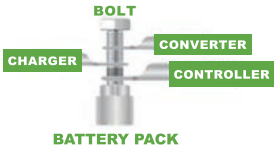
ELECTRICAL SPECIFICATIONS		MECHANICAL SPECIFICATIONS	
Nominal Voltage	51.2V	Terminal Type	2*M8 Bolts
Nominal Capacity	100Ah	Weight	40kg
Nominal Energy	5.12kWh	Case Dimension(L*W*H)	523L*250W*255H mm±2mm
Combination type	16S1P	Shipment of products withelectricity	50%-70% Current delivery
Charging voltage	58.4V	Cell type / Chemistry	LiFePO4 Grade A cell
Rated capacity	100Ah	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	100A	Maximum charge durationcurrent	50A
Peak Current	200A (2S)	Recommended Charge Current	20A
Discharge cutoff voltage	44V	Recommend Charge voltage	58.4V
Short Circuit Protection	Yes	Balancing Voltage	53V
Safety Specification		**COMPLIANCE SPECIFICATIONS**	
Short-circuit protection	Yes	Discharge Temperature	-20~+55℃
Low / High Temperature discharging	Yes	Charge Temperature	0 ~+45℃
Low / High Temperature charging	Yes	Storage Temperature Range	-20~+45℃
Over-current discharging	Yes		
Over-current discharging	Yes		
Certificates	IEC62133 UL2580 (Cell) UN38.3,MSDS,CE for pack		

inquiry@siswaybattery.com www.siswaybattery.com

Battery Connection Diagram

		
(01)	(02)	(03)





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.