

FEATURES OF BATTERY

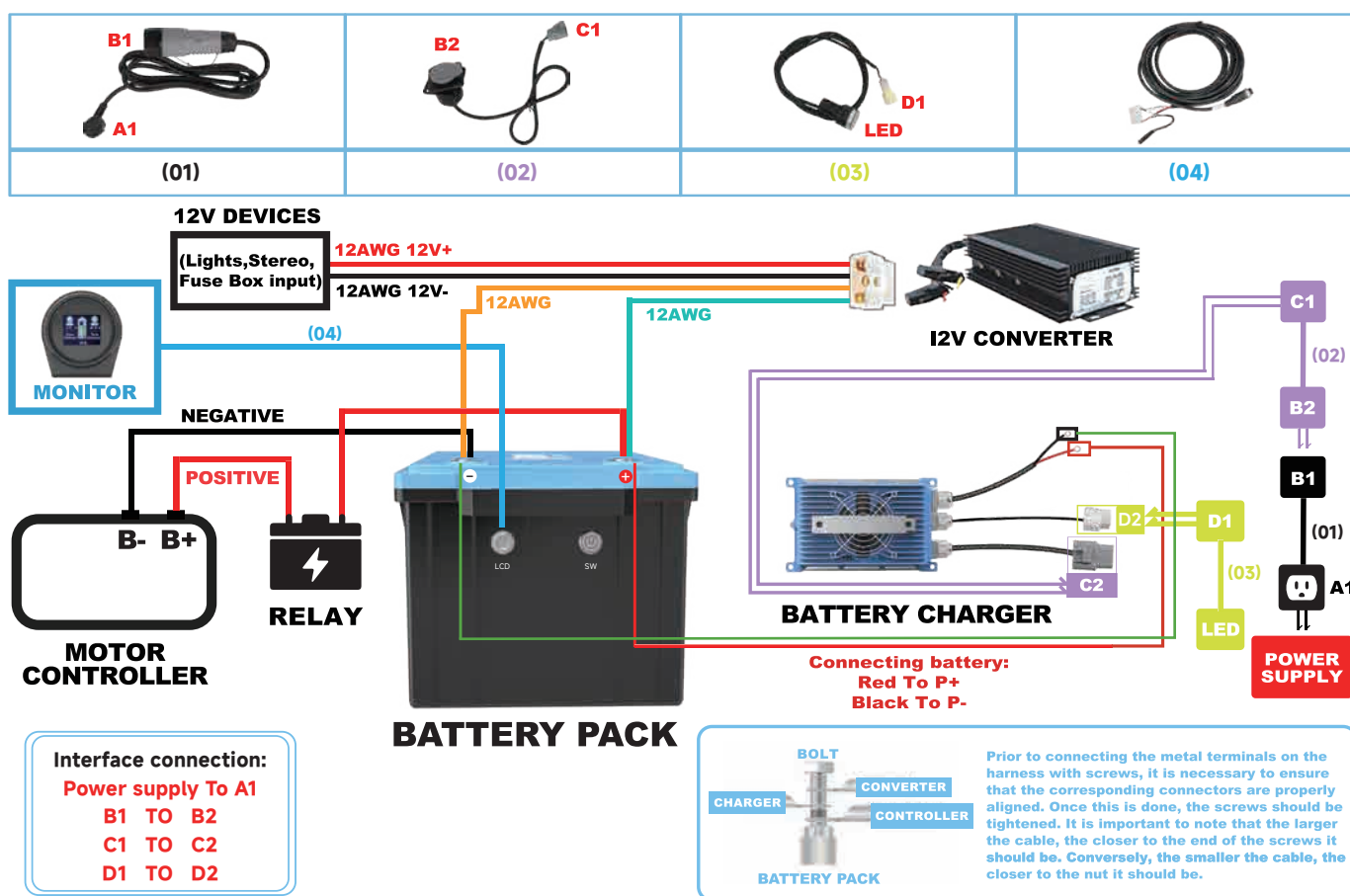
- Function : Bluetooth + BMS Protection+Alarm system(optional)+IP65
- High Power : it can support 100 A continuous discharge, 150 A
- Warranty: Provide 5 years Warranty.
- Custom: Print logo and customized colors
- Certificates: MSDS,UN38.3 and CE
- Available models : 48V 100Ah
- Warehouse: Fast delivery within 7 days



SPECS OF BATTERY AND BMS

ELECTRICAL SPECIFICATIONS		MECHANICAL SPECIFICATIONS	
Nominal Voltage	48V	Terminal Type	2*M8 Bolts
Nominal Capacity	100Ah	Weight	38kg
Nominal Energy	4800Wh	Case Dimension(L*W*H)	522x268x222 mm 20.55x10.55x8.74 inches
Combination type	15S1P	Shipment of products with electricity	50%-70% Current delivery
Charging voltage	55V	Cell type / Chemistry	LiFePO4 EVE Grade A cell
Rated capacity	100Ah	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	100A	Maximum charge duration current	40A
Peak Current	150A	Recommended Charge Current	20A
Discharge cutoff voltage	40.5V	Recommend Charge voltage	55V
Short Circuit Protection	Yes	Balancing Voltage	53V
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~+45°C
Over-current discharging	Yes		
Over-current discharging	Yes		
Certificates	IEC62133 UL2580 (Cell) UN38.3,MSDS,CE for pack		

Battery Connection Diagram





01.Battery Pack



02.Communication Cable



03.Display Screen



04.Charger



5.Retention Strap



AC Charging Gun

AC Charging Socket

Pilot Lamp Socket



06.M8 screw

07.M6 screw

08.M6 nut