

LI YUAN Battery





About us

LIYUAN BATTERY CO.,LTD is principally engaged in Electric Vehicle Power and Energy Storage System integration business development, new energy technology (including lithium iron phosphate battery and electric vehicle motor high voltage control system development, research energy storage system, etc.)

Specifications

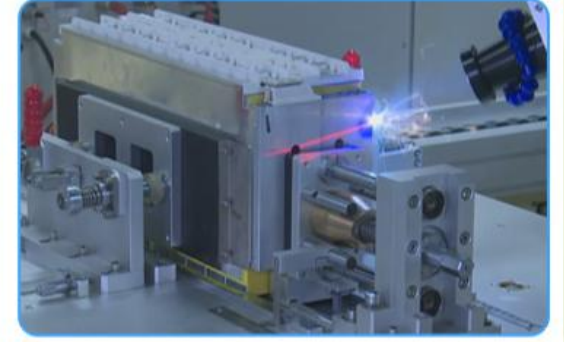
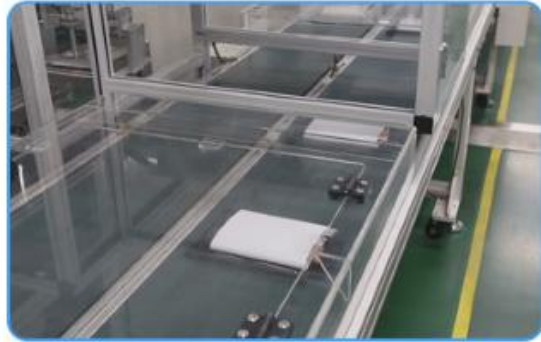
51.2V/50Ah (2.56kwh)		
Typical Capacity(Ah)		50Ah
Nominal Voltage(V)		51.2V
Weight (kg)		32±0.5 Kg
End-of-charge Voltage (V)		57.6V±0.5V
End-of-discharge Voltage (V)		40V
Charging Time (H)		4.0H(0.33C)
Charge Method	Standard charge method	Charge to 57.6V CC/CV at 0.33C A
	Rapid charge method	Charge to 57.6V CC/CV at 1C A
Max Continuous Charge Current		25A (0.5C)
Max Charge Current (A)		50A (1C)
Max Continuous Discharge Current (A)		25A (0.5C)
Max Discharge Current (A)		50A(1C)
Max Pulse Discharge Current (A)		80A≤1s
Standard charge and discharge current (A)		10A (0.2C)
Cycle Life	0.5C/0.5C charge/discharge	≥80%, after 4500cycles
Operating Temperature Range	Charge(°C)	0~55°C
	Discharge(°C)	-20~55°C
	Storage(°C)	-10~45°C
BMS communication protocol		RS232/RS485

51.2V50Ah Module parameter:

Battery specification:	3.2V50Ah
Number of cells:	16S 1P
Monomer module Type:	51.2V50Ah
working voltage(V):	40~ 57.6V DC
Weight(KG):	32± 0.5kg



48V50AH standard module



Battery production workshop



**Thank you
for your attention!**