

51.2V100Ah LiFePO4 Battery for Energy Storage

Technical Parameters

No.	Item	Parameters	
1.Performance	Type	LiFePO4 battery	
	Nominal voltage	51.2V	
	Rated capacity	100Ah (0.2C/25°C) (Min: 98Ah)	
	Operating voltage range	42V~58.4V (Typical:51.2V)	
	Charging voltage	56.0V±1.0V	
	Discharge cut-off voltage	42.0V±2.0V	
	Charging current (Max.)	50A	
	Discharge current (Max.)	100A	
	Dimensions	Length	520mm
		Width	460mm
		Height	195mm
Weight	About 52kg		
Shell	Metal/Black/White		
2.Function	Parallel	Support (difference of Pack's voltage <	
	Terminal stud	M8 crew nut	
	Alarm & protection	Over Voltage, Under Voltage, Over Current, Over temperature, Short Circuit	
	Terminal stud	M8 crew nut	
3.Working Condition	Cooling mode	Automatic cold and hot	
	Altitude	≤4000m	
	Humidity	15%~75%	
	Operating temperature	Charge	0°C~50°C
		Discharge	-10°C~60°C
	Recommended operating temperature	Charge	15°C~40°C
		Discharge	15°C~40°C
Storage		-10°C~45°C	

Application Field : Telecommunication, Solar energy storage, Household energy storage etc.

3D drawing

