

Features:

- **Cells Type** : CATL brand new grade (A) with QR code.
- **Smart function** CAN - RS - 485 - RS - 232.
- **Higher energy density** , smaller volume for household
- **Support connected** in parallel mode or expansion .
- **Photovoltaic system** : this battery pack is designed for household photovoltaic system .
- **Battery management system (BMS)** : the battery packs built - in smart and active BMS monitors its operation and prevents the battery from operating outside design limitations .
- **Expandability** : this battery pack can be easily expanded by adding expansion battery packs in parallel connection



1- Performance Parameters		
Model	LBL 51.8 240	
Nominal Voltage	51.8V	
Rated Capacity	240Ah/12400Wh	
Operating Voltage Range	42-58.8V	
Boost Charge/Float Charge Voltage	57.5/58.8V	
Charging Current (Current Limiting)	10-150A	
Charging Current (Maximum)	150A(10s)-100A	
Recommend Charge Current	80A	
Discharge Current (Maximum)	150A(10s)-100A	
Recommend Discharge Current	80A	
Discharge Cut-off Voltage	42V	
Self-Discharge	<3% per month	
Life Cycle	>6000 times (<0.6C)	
Dimensions	Length	755±mm
	Width	545±mm
	Height	210±mm
Weight	About 73.250±1kg	

2- Working Condition		
Cooling Mode	Natural-Cooling	
Altitude	≤4000m	
Humidity	%5-%95	
Operating Temperature	Charge	0°C~50+°C
	Discharge	-20°C~60+°C
Recommended Operating Temperature	Charge	10+°C~45+°C
	Discharge	10+°C~45+°C
Storage Temperature	≤1month	-10°C~50+°C
	≤3month	0°C~40+°C
	≤6month	5±25°C