



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 25.9 175	
Nominal Voltage	25.9V	
Rated Capacity	175Ah/4533Wh	
Operating Voltage Range	21-29.4V	
Boost Charge/Float Charge Voltage	29V	
Charging Current (Current Limiting)	10-150A	
Charging Current (Maximum)	120Ah	
Recommend Charge Current	80Ah	
Discharge Current (Maximum)	100Ah	
Recommend Discharge Current	80Ah	
Discharge Cut-off Voltage	42V	
Self-Discharge	<%3 per month	
Life Cycle	>6000 times (<0.6C)	
Dimensions	Length	490±mm
	Width	350±mm
	Height	160±mm
Weight	About 32.70 1±kg	

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