



Features:

- **Cells Type:** CALB 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 49 350	
Nominal Voltage	49V	
Rated Capacity	350Ah/17150Wh	
Operating Voltage Range	42-56V	
Boost Charge Voltage	56V	
Charging Current (Current Limiting)	10A	
Charging Current (Maximum)	200A(10s)-100Ah	
Recommend Charge Current	80A	
Discharge Current (Maximum)	200A(10s)-100Ah	
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 93±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	25±°C