Residential Energy Storage Battery (Low Voltage & Stackable)

LBS51.2-200S-W

LEOCH BATTERY

High Efficiency
Max. efficiency 94%

Easy installation
50 Kg Battery modules

Safe and Reliable
Lithium iron phosphate battery cells

Perfect Compatibility
Work with leading branded inverters

Product Information

- Scalable from 5 kWh to 60 kWh
- Compatible with a variety of mainstream inverter
- Maximum Flexibility for any Applications with up to 12 Modules Connected in Parallel

- LFP battery, safest and long cycle life
- Stackable design, effortlessly installation
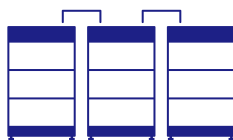- Capable of High-Powered Emergency-Backup and Off-Grid Function

⚡ Battery Module

- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance
- Connect up to 12 module in parallel for a maximum size of 60 kWh

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Flexible, Efficient, Simple

Plug Connection
No Additional Wiring Required

5-60KWH
Tailored Sizing for Each Application

Extend Anytime
Easily Adapts to New Requirements

High Power
Power for Every Application

Technical Parameters

Battery mode	LBS51.2-200S-W	
Combination Method	16S1P	
Rated Capacity	Typical	200Ah
	Minimum	196Ah
Rated Voltage	51.2V	
Limited Discharge Voltage	43.2V	
Limited Charging Voltage	57.6V	
Internal Resistance(single battery pack)	≤20mΩ	
Max Continuous Charging current	100A	
Max Continuous Discharging Current	100A	
Operation Temperature Range	Charge:0~50℃/ Discharge: -10~50℃	
Storage Temperature Range	0~50℃,Recommend: ≤60±25%RH storage humidity	
Single Module Size/weight	680*429*215mm /50Kg±1Kg	
Overall Size/weight	680*429*540mm /115Kg±1Kg	