

Residential Energy Storage Battery (Low Voltage & Stackable)

LBS51.2-300S-W



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

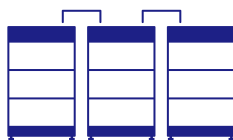
⚡ Battery Module

- 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

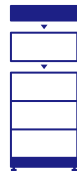
Flexible, Efficient, Simple



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	LBS51.2-300S-W	
Combination Method	16S1P	
Rated Capacity	Typical	300Ah
	Minimum	294Ah
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*750mm /165Kg±1Kg	