



LFP Series for Storage Power

LiFePO₄ Lithium Battery



Flexibly and Easy Installation

wall-mounted or floor-mounted



Easy Management

Real time online monitoring system battery status, intelligent warning



Strong Compatibility

Covering all mainstream protocols and matching most mainstream inverters



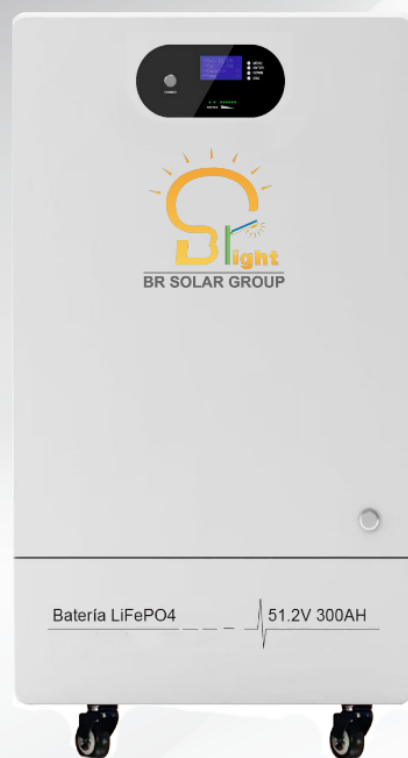
Long Life

4 times long static and 8 consistency screening
make the battery more durable

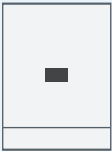
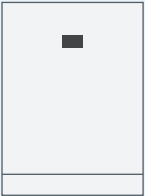


Safety & Reliability

Nano-coating and self-healing technology construct
the LFP channel to add a firewall to the battery



Specifications

	BRLV-100	BRLV-200	BRLV-300
Technical Specification			

Performance

Battery Model	BRLV-100	BRLV-200	BRLV-300
Capacity	51.2V100AH (150A)	51.2V200AH (150A)	51.2V300AH (150A)
Battery Total Energy	5.12kwh	10.12kwh	15.32kwh
Rated Energy	6.0kw	8.0kw	10kw
Peak Energy	6.0kw	8.0kw	10kw
Rated Voltage (DC)	51.2V	51.2V	51.2V
Allowable BMS Load Current	150A	150A	150A
Battery Voltage Range(DC)	44.8V~58.4V	44.8V~58.4V	44.8V~58.4V

Communication

Display	SOC status indication, LED indicator screen
Protocol	RS485 /RS232/ CAN (Series parallel connection with either option)

Specifics

Dimension (L x W x H)	420*620*160mm	445*245*720mm	445*245*865mm
Weight (Accessories Included)	~45.2Kg	~84.6Kg	~109Kg
Installation	wall-mounted or floor-mounted		
Working Temperature	-20°C ~ + 58°C		
Maximum Working Altitude	4000 m (≥2000m derating)		
Installation Environment	Indoor scenario		
Working Relative Humidity	5% ~ 95%		
Heat Dissipation	natural convection		
Protection Grade	IP 40		
Cell	LiFePO ₄		
Expansibility	A max of 16 modules can be used in parallel		
Matching Inverter	Most current mainstream inverters(lithium)		
Package Dimension	679*425*245mm(carton)	930*520*340mm(carton)	930*520*340mm(wooden)
Cycling Performance	≥6000 Cycles, 0.5C/0.5C, 80%DOD		

Satisfied Criteria

Safety & Certification	CE, CEC,IEC62619, IEC 60730, UN38.3
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*1 Test conditions: Based on the factory date, charge and discharge rate at 0.2C at 100% discharge depth (DoD) and 25 °C

*2 The weight of the battery module is based on the actual product, with a tolerance of ± 3% allowed

*3 The installation of battery packs is related to product quality assurance, safe and stable operation. Please follow the requirements of the user manual for standardized installation, use, and routine maintenance