

51.2V Push-Pull Cooling Model Series

BR-PC-LV 15KWH

BR-PC-LV 30KWH



15KWH

30KWH

Features

CE

MSDS

UN38.3

Reassuring Foundation

Adopted the most stable and safe lithium iron phosphate (LiFePO4) battery

High Cost Performance

A smooth and responsive touch screen providing seamless real-time monitoring, supporting multiple languages including English, German, Italian, Spanish, French, Arabic, Polish, Romanian, and more

High Safety

Build-in BMS, protection functions of discharge, over charge, over current, high temperature and low temperature

Dual-Sided Ventilation

Optimizes cooling efficiency while minimizing energy consumption, ensuring stable performance under various conditions

All in Control

Equipped with RS232/ RS485/ CAN bus ports, the most important with bluetooth and WIFI function

Perfect Match

Compatible with inverters of most main stream brands on the market

Model	BR-PC-LV 15KWH	BR-PC-LV 30KWH
Cell Technology	Lithium-iron Phosphate (LiFePO4)	
Nominal Energy	15kWh	30kWh
Nominal Voltage	51.2V	51.2V
Nominal Capacity	300Ah	600Ah
Dimensions(L/W/H)	800*240*645mm	800*430*610mm
Weight	112kg	214kg
Max Charge Current	200A	
Max. Cont. Charge Current	200A	
Max Discharge Current	200A	
Max. Cont. Discharge Current	200A	
Operating Voltage Range	43.2V - 57.6V	
Charge Cut-Off Voltage	58.4V	
Discharge Cut-Off Voltage	43.2V	
Installation	Indoor	
Warranty	10 Years Product Warranty 15 Years Performance Warranty	
Round-Trip Efficiency	98%	
Scalability	Max. 16 Modules in Parallel	
Cycle Life	≥10000 Times (80%DoD)	
Service Life	15 Years	
Protection Rating	IP55	
Display	SOC Status Indicator, LED Indicator	
Communication	RS485, RS232, CAN	
Charge Temperature Range	0°C~60°C	
Discharge Temperature Range	-20°C~60°C (Under 0°C work with reduced capacity)	
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity	
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.	