

# 51.2V PUSH-PULL COOLING MODEL SERIES

BR-PC-LV 15KWH  
BR-PC-LV 16KWH  
BR-PC-LV 32KWH



## PRODUCT FEATURES



**Advanced LiFePO4 Technology**  
Lithium iron phosphate(LFP) Battery,  
longer cycle life, stable performance



**Advanced Protection**  
BasenGreen Smart BMS & Protective  
Circuit Breaker Reliable protection against  
electric fault



**Multi-language Support**  
Touch screen, easy to operate,  
supports multiple languages



**Reliable Power**  
Up to 15 years service life



**Flexible Configuration**  
Support up to 16 units in parallel



**APP Monitoring**  
Real-time monitor from Bluetooth & Wi-Fi

Model	BR-PC-LV 15KWH	BR-PC-LV 16KWH	BR-PC-LV 32KWH
Cell Technology	Lithium-iron Phosphate (LiFePO4)		
Nominal Energy	15kWh	16kWh	32kWh
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	300Ah	314Ah	628Ah
Dimensions(L/W/H)	800*240*645mm	800*240*645mm	800*430*610mm
Weight	112kg	112kg	214kg
Cycle Life	≥10000 Times (80%DoD)	≥8000 Times (80%DoD)	≥8000 Times (80%DoD)
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		
Scalability	Max. 16 Modules in Parallel		
Protection Rating	IP55		
Display	SOC Status Indicator, LED Indicator		
Communication	RS485, RS232, CAN		
Charge Temperature Range	0℃~60℃		
Discharge Temperature Range	-20℃~60℃ (Under 0℃ work with reduced capacity)		
Storage Temperature Range	-40℃~55℃ @ 60%±25% relative humidity		
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.		
Warranty	10 Years (warranty or cycle life, whichever comes first)		