

# 51.2V FLOOR-MOUNTED IP65 WATERPROOF LIFEPO4 SERIES

BR-VP-5116



## PRODUCT FEATURES



IP65 Waterproof & Heating Feature



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



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



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



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



**APP Monitoring**  
Real-time monitoring via Bluetooth and Wi-Fi

Model	BR-VP-5116
Battery Chemistry	Lithium iron phosphate(LiFePO4)
Rated Voltage(V)	51.2
Operating Voltage Range(V)	43.2-57.6
Charge/Discharge Cut-off Voltage(V)	58.4/43.2
Capacity(Ah)	314
Energy(Wh)	16076
Cycle Life	8000 Cycles (@80% DoD, 25°C/0.5C)
Max. Charge/Discharge Current (A)	200/200
Dimension(L*W*H,mm)	850*500*272
Weight Approximate(kg)	128
Communication Port	RS485, CAN, RS232
Parallel Connection	Up to 16 units in parallel
Protection Level	IP65
Charge Temperature Range	-20°C~60°C(with heating function enabled)
Discharge Temperature Range	-20°C~60°C
Storage Temperature Range	-40°C~55°C @ 60±25% relative humidity
Inverter Compatibility	DEYE, Victron, Growatt, Solis, Sofar, Goodwe, etc
Warranty	10 Years (warranty or cycle life, whichever comes first)

