

51.2V FLOOR-MOUNTED LIFEPO4 SERIES

BR-VT-LV 15KWH

BR-VT-LV 16KWH

BR-VT-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-VT-LV 15KWH	BR-VT-LV 16KWH	BR-VT-LV 32KWH
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)	300	314	628
Energy(Wh)	15360	16076	32153
Cycle Life	8000 Cycles (@80% DoD, 25°C/0.5C)	8000 Cycles (@80% DoD, 25°C/0.5C)	8000 Cycles (@80% DoD, 25°C/0.5C)
Max. CHG/DSCHG Current(A)	200	200	200
Dimension(L*W*H,mm)	885*500*255	885*500*255	800*420*650
Weight Approximate(kg)	122	123	245
Communication Port	RS485, CAN, RS232		
Parallet Connection	Up to 16 units in parallel		
Protection Level	IP55		
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		
Inverter Compatibility	DEYE, Victron, Growatt, Solis, Sofar, Goodwe, etc		
Optional Feature	Heating, Cooling Fan, Active Balancer, Touch Screen, Fire Protection		
Warranty	10 Years (warranty or cycle life, whichever comes first)		