

Lead-acid Replacement Series

Ultra-thin LFP RV Energy Storage Battery



Lead-acid to Lithium

	B-LFP12-100S	B-LFP12-200S
Model Number	B-LFP12-100S	B-LFP12-200S
Voltage Range(V)	9.2~14.6	9.2~14.6
Cell	3.2V100Ah	3.2V200Ah
Cell Series & Parallels	4S1P	4S1P
Rated Voltage (V)	12.8	12.8
Rated Capacity(Ah)	100	200
Rated Energy (Kwh)	1.28	2.56
Maximum Charge Current (A)	100	200
Maximum Discharge Current (A)	200	200
Pulse Current(A) (5s)	300	300
Recommended Discharge Voltage (V)	11.2	11.2
Life cycle (@25 0.5C/0.25C,80%DOD)	Approx. 4000	Approx. 4000
Short-circuit Current (< 10ms)	Approx. 1200A	Approx. 2500A
Dimension (W*D*H)	270*600*65 MM	275*850*70 MM
Total Weight (Kg)	Approx. 15	Approx. 28
Internal Resistance Fully Charged @25C	10m Ohms	≤5m Ohms
Thermal Management	Nature Cooling	Nature Cooling
Operating Temperature Charge	50℃	0~50℃
Operating Temperature Discharge	-20~65℃	-20~65℃
Operating Humidity	60 ± 25% R.H.	60 ± 25% R.H.
Recommended Discharge Voltage (V)	13.6~13.8	13.6~13.8