



CHAMPION 1

12.8V Lithium Batteries

LiFePO VC12 Series

Technical Data	128V 100Ah	128V 200Ah
Electrical		
Nominal Voltage/V	12.8	12.8
Nominal Capacity/Ah	100	200
Rated Energy/Wh	1280	2560
BMS Function	Overcharge, overdischarge, overcurrent and temperature protection	
Recommended Charge Voltage/V	14.4 - 14.6	14.4 - 14.6
Discharge Cut-Off Voltage/V	10.8	10.8
Standard Charge Current/ A	50	50
Max. Charge Current/ A	100	100
Continuous Discharge Current/A	100	100
Peak Discharge Current/A	300	400
Voltage Configurations	12,24, 36 or 48V	
Maximum Configuration	Increase capacity in series	
Maximum Time Between Charges	3 months	
Monitoring	Bluetooth	
Warranty	3 Years	
Mechanical		
Dimensions L*W*H (mm)	307*169*213	520*270*220
Weight/kg	Approx. 11.5	Approx. 31.5
Terminal	MB	MB
Casing Material	ABS	
Environment		
Working Temperature Range/°C	Charge: 0-55 Discharge: -20-60	
Humidity Range/RH	<95%	
Storage Temperature	15-35	
IP Protection Level	IP65	