



Data sheet | Battery Management System

Technical Specifications: 4S 60A LiFePO4 BMS with Bluetooth

Specification	Constant Discharge Current	60A
	Over-current protection value	70A
	Charge current	60A
	Charge Voltage	14.4V

Default Parameters: (can be modified upon client request)

Over-charge protection	Over-charge detection protection voltage	3.65±0.03V
	Over-charge protection delay time	2000ms
	Over-charge protection recovery voltage	3.45 ± 0.05V
Balancing	Balance start voltage	3.45V
	Balance release voltage	< 3.45V
	Balance current	50-60mA
Over-discharge protection	Over-discharge detection voltage	2.6V ± 0.1V
	Over-discharge protection delay time	2000ms
	Over-discharge protection recovery voltage	2.9V ± 0.1V
Short circuit protection	short protection condition	External short with load
	Short protection delay time	400µs
	Short protection release condition	Load-off or charge activation
Temperature protection discharging	Discharge over temp protection	55degC
	Over temp release condition	50degC
	Discharge under temp protection	-20degC
	Under temp release conditions	-10degC
Temperature protection charging	Charge over temp protection	55degC
	Over temp release condition	50degC
	Charge under temp protection	-0degC
	Under temp release conditions	5degC
Self-current consumption	Current consumption nominal	< 40µA
	Current consumption standby	< 30µA
Dimension	L x W x T	138 x 102 x 17mm