



BMS Board Specification sheet

Parameter	6S BMS	12S BMS
Max cell configuration support	6S	14S
Max operating voltage	30V	60V
Min operating voltage	7V	7V
Continuous current rating	45A	120A
Peak current rating	90A	180A
Cell balancing current	Passive, 200mA max	Passive, 200mA max
Temperature sensors	7NTC sensors (2 onboard, 5 external)	7NTC sensors (2 onboard, 5 external)
Operating temperature range	-20 to 85 degC	-20 to 85 degC
Voltage measurement accuracy	+/-5mV	+/-5mV
Current measurement accuracy	+/-50mA	+/-50mA
Temperature measurement accuracy	+/-2degC	+/-2degC
Active power consumption	500mW	500mW
Protections	Short circuit, Over Charge, Over discharge, Over current, Over temperature	Short circuit, Over Charge, Over discharge, Over current, Over temperature
Communication	CAN2.0B	CAN2.0B