

# BMS Specifications For 3S /11.1V Li-ion Battery Pack

Model: BMS-3S0404LI2535

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:12.6V CC/CV
		Balance voltage for single cell	4.2V
2	Current	Balance current for single cell	42mA
		Current consumption for single cell	≤8μA
		Maximal continuous charging current	4A
		Maximal continuous Discharging current	4A
3	Over charge Protection	Over charge detection voltage	$4.25V \leq \pm 0.025V$
		Over charge testing delay time	1ms
		Over charge release voltage	$4.15V \leq \pm 0.05V$
4	Over discharge protection	Over discharge detection voltage	$2.7V \pm 0.1V$
		Over discharge delay time	100ms
		Over discharge release voltage	$3.0v \leq \pm 0.1V$
5	Over current protection	Over current testing voltage	$200mv \pm 25mV$
		Over current detection current	$17A \leq \pm 2A$
		Over current delay time	10MS
		Release condition	Automatic Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	≤600us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry (MOSFET)	≤21mΩ
8	Temperature	Operating Temperature Range	-40~+52°C
		Storage Temperature Range	-40~+125°C
9	Size		L35*W25*T2.8mm
10	Weight		10g