



PCM Specifications For 14.8V (4S) Li-ion Battery Packs

Model:LWS-4S7A-030(4S)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	42±5mA
		Current consumption	≤50μA
		Maximal continuous charging current	8A
		Maximal continuous Discharging current	8A
3	Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.15V±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.70±0.08V
		Over discharge detection delay time	0.5S—1.5S
		Over discharge release voltage for single cell	3.0±0.1V
5	Over current protection	Over current detection voltage	150±25mv
		Over current detection current	20±3A
		Detection delay time	5mS—50mS
		Release condition	Cut load,Auto-Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load,Auto-Recovery
7	Resistance	Protection circuitry (MOSFET)	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

P+=Charge+/Discharge+

Size:L50*W20*T5mm

P-=Charge-/Discharge-

