



PCM Specifications For 10.8V (3S) Li-ion Battery Packs

Model:LWS-3S7A-347(3S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:12.6V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption	$\leq 50 \mu A$
		Maximal continuous charging current	7A
		Maximal continuous Discharging current	7A
3	Over charge Protection	Over charge detection voltage for single cell	4.25V \pm 0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.10V \pm 0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.70V \pm 0.08V
		Over discharge detection delay time	0.5S—1.5S
		Over discharge release voltage for single cell	3.0 \pm 0.10V
5	Over current protection	Over current detection voltage	100 \pm 25mv
		Over current detection current	15 \pm 3A
		Detection delay time	5mS—15mS
		Release condition	Cut load, Automatic recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load, Automatic recovery
7	Resistance	Protection circuitry (MOSFET)	$\leq 50m\Omega$
8	Temperature	Operating Temperature Range	-40~+85 $^{\circ}$ C
		Storage Temperature Range	-40~+125 $^{\circ}$ C

P+=Charge+/Discharge+

P-=Charge-/Discharge- Size: L50*W16*T3.5mm

