

SB			
PCM Specifications For 3.7V (1S) Li-ion Battery Packs			
Model: SB-1S3A-013(1S)			
No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:4.2V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption	$\leq 20 \mu A$
		Maximal continuous charging current	2A
		Maximal continuous Discharging current	2A
3	Over charge Protection	Over charge detection voltage for single cell	$4.25 \pm 0.025V$
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	$4.05 \pm 0.05V$
4	Over discharge protection	Over discharge detection voltage for single cell	$2.80 \pm 0.062V$
		Over discharge detection delay time	10mS—150mS
		Over discharge release voltage for single cell	$3.00 \pm 0.062V$
5	Over current protection	Over current detection voltage	$0.15 \pm 0.015V$
		Over current detection current	$5 \pm 1A$
		Detection delay time	5ms—20ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry (MOSFET)	$\leq 50m\Omega$
8	Temperature	Operating Temperature Range	$-40 \sim +85^{\circ}C$
		Storage Temperature Range	$-40 \sim +125^{\circ}C$

P+=B+=Charge+/Discharge+

Size:L15*W3.5*T2.5mm

P-=Charge-/Discharge-



-Battery+