

SB			
PCM Specifications For 14.8V (4S) Li-ion Battery Packs			
Model: SB-4S4A			
No.	Test item		Criterion
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption	$\leq 50\mu A$
		Maximal continuous charging current	4A
		Maximal continuous Discharging current	4A
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	$4.15V \pm 0.05V$
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	$200 \pm 25mv$
		Over current detection current	$15 \pm 5A$
		Detection delay time	5mS—15mS
		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	$-55 \sim +125^{\circ}C$

P+=Charge+/Discharge+

Size:L48*W14*T4mm

P-=Charge-/Discharge-

