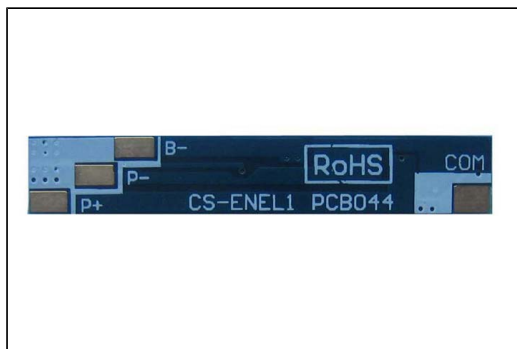




Name: PCM-Li02S3-129 (2S) for Li-ion/Li-polymer/ LiFePO4 Battery Pack

Model: **PCM-Li02S3-129 (2S)**

Working current: 2.5A

size: L40.5*W6.85*T2.5mm

Balancing : NO

Protection Circuit Module Specifications For 6.4V LiFePO4 Battery Pack						
Protection Circuit Module Specifications For 7.4V Li-ion/Li-polymer Battery Pack						
Model: PCM-Li02S3-129 (2S)						
No	Test item		Criterion			
			Lifepo4	Li-ion/Li-polymer		
1	Voltage	Charging voltage	DC 7.2VCC/CV (3.6V/cell)	DC:8.4V CC/CV (4.2V/cell)		
		Balance voltage for single cell				
2	Current	Balance current for single cell				
		Current consumption for single cell	≤20μA	≤20μA		
		Max. continuous charging current	2.5A	2.5A		
		Max. cont. discharging current	2.5A	2.5A		
3	Over charge protection n _(single cell)	Over charge detection voltage	3.85V±0.025 (optional)	4.35±0.025 (optional)		
		Over charge detection delay time	0.5-2.0S	0.5S—2.0S		
		Over charge release voltage	3.75±0.05V	4.15 ±0.05V		
4	Over discharge protection n _(single cell)	Over discharge detection voltage	2.23±0.8 (optional)	2.3±0.08V (optional)		
		Over discharge detection delay tim	10-300mS	10-300mS		
		Over discharge release voltage	2.23±0.8V	3.0±0.1V		
5	Over current protection	Over current detection voltage	depend on the above points	depend on the above points		
			final data fixed	final data fixed from actual test		
		Over current detection current	from actual test			
		Detection delay time	5-20ms	5-20ms		
		Release condition	Cut load, Auto release	Cut load, Auto release		
6	Short protection	Detection condition	Exterior short circuit			
		Detection delay time	100 500us			
		Release condition	charge up			
7	Resistance	Protection circuitry	≤50mΩ			
8	Temperature	Operating Temperature Range	-40 +85			
		Storage Temperature Range	-40 +125			
9	Dimension	L40.5*W6.85*T2.5mm				
Optional Parameters:		Over charge detection voltage (V)			4.25V±0.025	
		Over charge release voltage(V)			4.05V±0.05	
		Over discharge detection voltage			2.4V±0.08	
		Over discharge release voltage(V)			3.0V±0.01	