

## Protection Circuit Module For 3S Li-ion/Li-poly/LifePo4 Battery Pack

**Model: PCM-Li03S8-012 ( 3S )**

No.	Test item	Criterion	
1	Voltage	Charging voltage	CC/CV:Li-ion/Li-polymer(4.2V/cell),LifePo4(3.6V/cell)
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Low Current consumption for single cell	$\leq 25\mu\text{A}$
		Maximal continuous Discharging current(continuous working current)	7A
3	Over charge Protection(single cell)	Over charge detection voltage	3.8 ~ 4.4V(can adjust)
		Over charge detection delay time	0.5S—2.5S
		Over charge release voltage	3.8 ~ 4.4V(can adjust)
4	Over discharge protection(single cell)	Over discharge detection voltage	1.9 ~ 3.1V(can adjust)
		Over discharge detection delay time	50—300ms
		Over discharge release voltage	1.9 ~ 3.1V(can adjust)
5	Over current protection	Over current detection voltage	0.06-0.6V
		Over current detection current(peak current)	8 ~ 30A (optional)
		Detection delay time	1—50ms
		Release condition	Automatic Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry	$\leq 50\text{m}\Omega$

8	Temperature	Operating Temperature Range	-40 ~ +85□
		Storage Temperature Range	-40 ~ +125□
SIZE:L50*W16*T4mm			