



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	≤25μA
		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°C
		Storage Temperature Range	-40~+125°C
SIZE:L50*W16*T4mm			