



Protection Circuit Module For 2S Li-ion/Li-po/Lifepo4 battery pack			
No.	Test item (Ta=25°C)		Criterion
1	Voltage	Charging voltage	CC/CV:Li-ion(4.2V/cell),LifePo4(3.6V/cell)
2	Current	Current consumption	≤25μA
		Maximal continuous Discharging current(continuous working current)	2.5A
3	Over charge Protection(single cell)	Over charge detection voltage	3.8~4.4V(can adjust)
		Over charge detection delay time	0.96~1.4S
		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	115~173ms
		Over discharge release voltage	1.9~3.1V(can adjust)
5	Over current protection	Over current detection voltage	0.06~0.3V

		Over current detection current	5~10A (optional)
		Detection delay time	7.2~11ms
		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