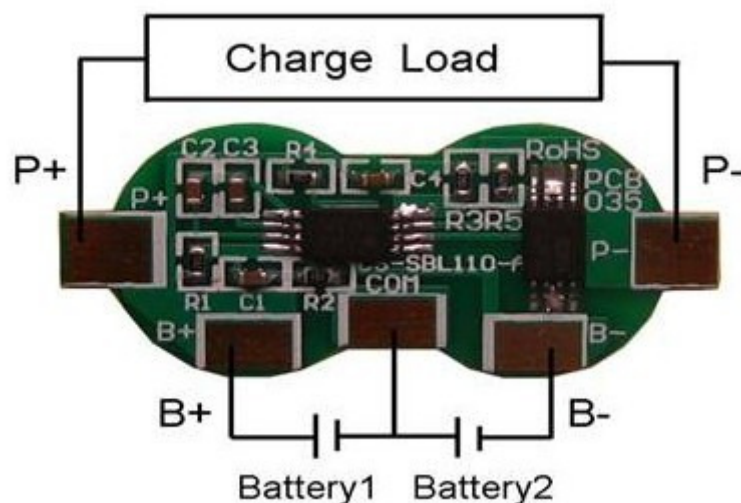




Protection Circuit Module For 2S Li-ion/Li-Po/LiFePO4 Battery Pack			
No.	Test Item		Criterion
1	Voltage	Charging voltage	CC/CV:Li-ion/Li-po(4.2V/cell); Lifepo4 (3.6V/cell)
		Balancing voltage for single cell	
		Balancing current for single cell	
2	Current	Current consumption for single cell	$\leq 25\mu A$
		Maximal continuous charging and 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	0.96S-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(peak	5-10A (optional)

		current)	
		Detection delay time	7.2-11ms
		Release condition	Cut load,Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load,Auto Recovery
7	Resistance	Protection circuitry (MOSFET)	$\leq 50\text{m}\Omega$
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	SIZE	L33*W14.7*T2.5mm	