

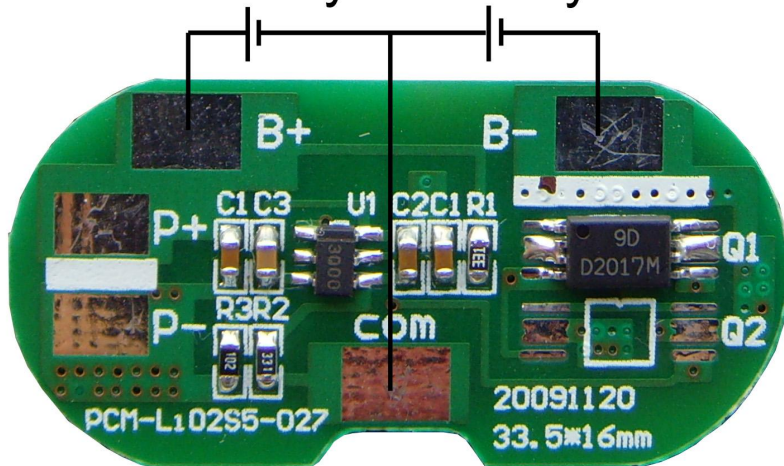
AYAATEC TECHNOLOGY

Protection Circuit Module Specifications For6.4V(2S) Lithium iron phosphate battery pack

Model: PCM-L02S05-027 (2S)

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:7.2V 3.6V/Cell
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	≤20 μA
		Maximal continuous charging current	5A
		Maximal continuous Discharging current	5A
3	Over charge Protection	Over charge detection voltage	3.90V±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.45V±0.025V
4	Over discharge protection	Over discharge detection voltage	2.0V±0.062V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	2.5±0.1V
5	Over current protection	Over current detection current	16±3A
		Detection delay time	5mS—20mS
		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	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

Battery2 Battery1



P+=Charge+/Discharge+

P- =Charge-/Discharge-

SIZE:L33.5*W16*T3mm