

# Protection Circuit Module Specifications For 37V Li-ion Battery Pack

**Model: PCM-CS010S-79**

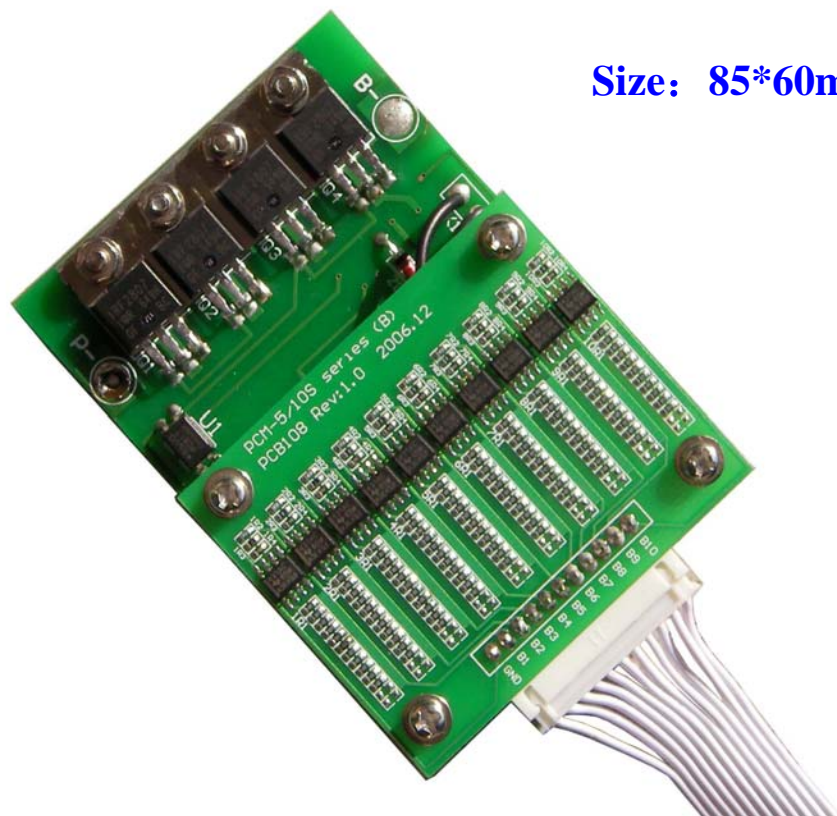
**Features:**

- Apply for 10 cells Li-ion /Li-polymer battery pack protection.
- Internally Trimmed Charge and Discharge Voltage Limits.
- Discharge Current Limit Detection.
- High Quality and High Yield:100% Tested before Shipment.

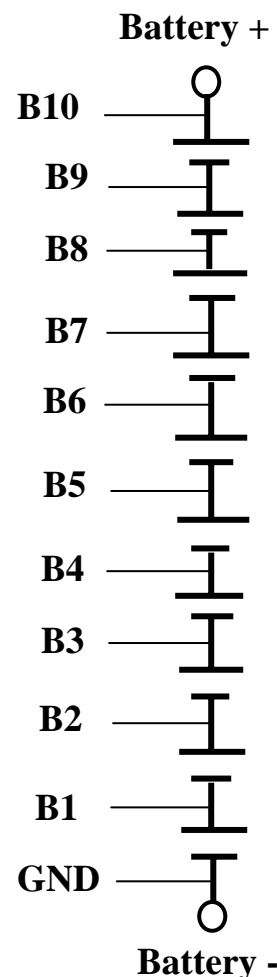
**Electric performance :**

NO.	Items	Min	Typ	Max	Unit
1	Charging voltage		42	42.5	V
2	Charging current			10	A
3	Discharging current			10	A
4	Overcurrent detection protection			40	A
5	Supply current for single cell			1	mA
6	Equilibrium voltage for single cell	4.18	4.2	4.22	V
7	Overcharge detection voltage for single cell	4.25	4.275	4.3	V
8	Overcharge detection delay time	0.5	1	1.5	s
9	Overdischarge detection voltage for single cell	2.25	2.3	2.35	V
10	Overdischarge detection delay time	0.5	1	1.5	s
11	Short circuit protection	PASS			
12	Protection circuitry resistance		10	20	mΩ
13	Operating Temperature Range	- 40		+85	°C
14	Storage Temperature Range	- 40		+125	°C

**Port design :**



Size: 85\*60mm



B- = Battery Pack (-)    P- = OUT-/Charge-