

Specification of

PCM with Equilibrium function for 37V Li-ion Battery Pack (15 Amp limit)



<http://www.batteryspace.com>

2700 Rydin Road unitC. Richmond, CA, 94804 USA.

Tel: 510-525-2328

Fax: 510-4392808

Model: PCM-BL010S-132

- 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.

Electronic Performance;

NO.	Items	Min	Typ	Max	Unit
1	Charging voltage		42.2	42.5	V
2	Charging current			15	A
3	Discharging current			15	A
4	Current Consumption			300	uA
5	Balance current for Single cell	55	60	65	mA
6	Balance voltage for single cell	4.18	4.2	4.22	V
7	Overcharge detection voltage for single cell	4.3	4.325	4.35	V
8	Overcharge detection delay time	0.96	1.2	1.4	s
9	Over-discharge detection voltage for single cell	2.4	2.5	2.6	V
10	Over-discharge detection delay time	115	144	173	s
11	Short circuit protection	Exterior Short Circuit			
12	Protection circuitry resistance		15	30	mΩ
13	Operating Temperature Range	- 40		+85	℃
14	Storage Temperature Range	- 40		+125	℃

Dimension(LxWxH):4.5"(115mm) x 3.0"(78mm) x 0.3"(9mm)

Port Design;

