

Specification of

PCM with Equilibrium function for 25.9V Battery Pack (25 Amp limit)



<http://www.batteryspace.com>

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Model: PCM-L07S30-064

- Apply for 7 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		29.4	29.75	V
2	Charging current			20	A
3	Discharging current			25	A
4	Current Consumption			1	uA
5	Balance current for Single cell	130	140	150	mA
6	Balance voltage for single cell	4.18	4.2	4.22	V
7	Overcharge detection voltage for single cell	4.325	4.35	4.375	V
8	Overcharge detection delay time	0.5	1	1.5	s
9	Over-discharge detection voltage for single cell	2.2	2.3	2.4	V
10	Over-discharge detection delay time	0.5	1	1.5	s
11	Short circuit protection	PASS			
12	Protection circuitry resistance		20	40	mΩ
13	Operating Temperature Range	- 40		+85	°C
14	Storage Temperature Range	- 40		+125	°C

Dimension:(140mmx55mm)

