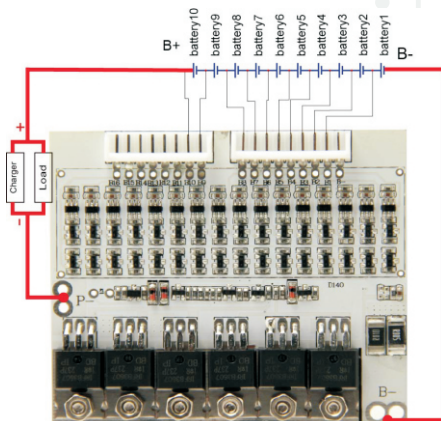


# Protection Circuit Module

## PCM / BMS / PCB

For 37V 10S Li-ion/Li-Polymer Battery Packs

Item		Contents	Criteria(Adjustable)
1	Model	HCX-D140LI10S15A-07	10S-15A working current
2	Voltage	Charging voltage	42V
3	Current	Maximal continuous charging current	15A
		Maximal continuous discharging current	/
		Current consumption	/
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	4.05V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	/
		Over discharge detection delay time	/
		Over discharge release voltage	/
6	Over Current Protection	Over current detection voltage	/
		Over current detection current	/
		Detection delay time	/
		Release condition	/
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load, automatically recover
8	Balance	Balance voltage for single cell	4.20V±0.025V
		Balance current for single cell	84mA±10mA
9	Resistance	Inner resistance	≤20mΩ
10	Temperature	Operating temperature range	0 ~ +85°C
		Storage temperature range	0 ~ +85°C
11	Size (L*W*T)	L75mm*W65mm*T8mm	



### Remarks:

Charge, Discharge at same Port  
 P+=B+/Charge+/Discharge+  
 P-=Charge-/Discharge-

Note: Characteristics subject to change without notice

LiTech Power Co., Ltd

Factory Dongguan: 4F, Bldg B, RuiXin HengYe Industrial Park, TaiXing Rd # 18A, ShiGu District, TangXia Town, DongGuan, China

Factory Shenzhen: 3F, Bldg 3, Fulian Industrial Park, Heping Industrial area, Jianhui Rd, Longhua, ShenZhen, China

Tele: +86 769 8203 3052 | Fax: +86 769 82033050  
 www.LiTechPower.com | info@LiTechPower.com

Specifications and data are subject to change without notice. Contact LiTech Power for latest information.

Copyright © LiTech Power Co.,Ltd. All Rights Reserved.