P+=B+=Charge+/Discharge+   Size:L180*W75*T38mm

B- B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14/B+
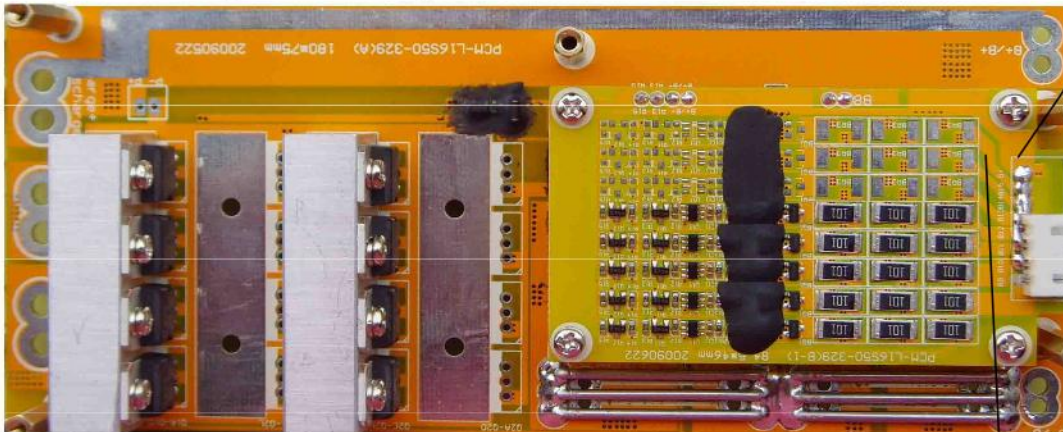
B13 connect to the battery +, but the charging / discharging can not come out from the PCM pads (B+/P+),they can output from the battery +

1.the wire on the bottom socket will be made from down to up (B1...B8) (pls do as above drawing)

2.the wire on the top socket will be made from down to up (B9...B13/B+，B13=B+ (pls do as above drawing)

3.when connection, pls do as above drawing(B-,B1,B2…B12,B13/B+.)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:54.6V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	126±10mA
		Low Current consumption for single cell	≤20μA
		Maximal continuous charging current	20A
		Maximal continuous Discharging current	50A
3	Over charge Protection (single cell)	Over charge detection voltage	4.28±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.10±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	3.0±0.062V
		Over discharge detection delay time	10mS—300mS
		Over discharge release voltage	3.0±0.062V
5	Over current protection	Over current detection voltage	0.62V
		Over current detection current	180±20A
		Detection delay time	5ms—20ms
		Release condition	Cut load,Automatic Recovery
6	Short protection	Detection condition	Exterior short circuit

		Detection delay time	200-500us
		Release condition	Cut load,Automatic Recovory
7	Resistance	Protection circuitry (MOFSET)	≤30mΩ
8	Temperature	Operating Temperature Range	-40～+85℃
		Storage Temperature Range	-40～+125℃