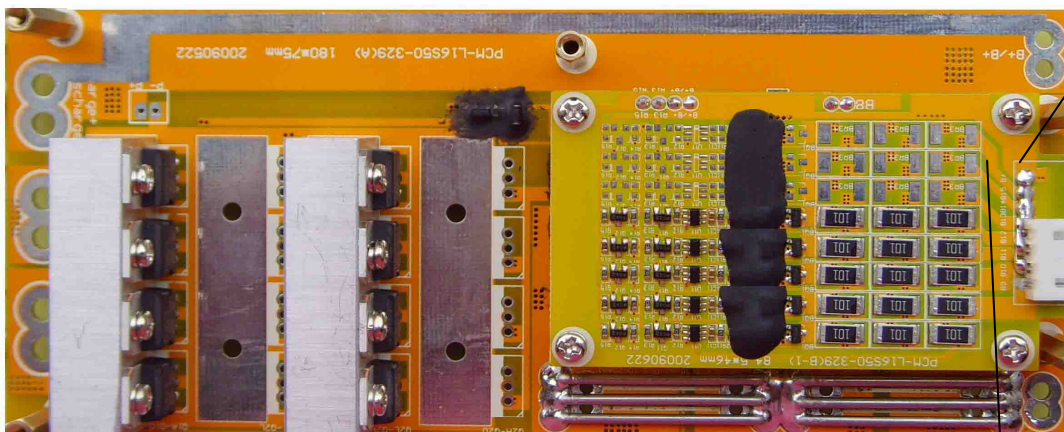


P+=B+=Charge+/Discharge+

Size:L180*W75*T38mm

it's a connection drawing for reference



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	≤20 μ A
		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 Recovery
7	Resistance	Protection circuitry (MOFSET)	$\leq 30\text{m}\Omega$
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C