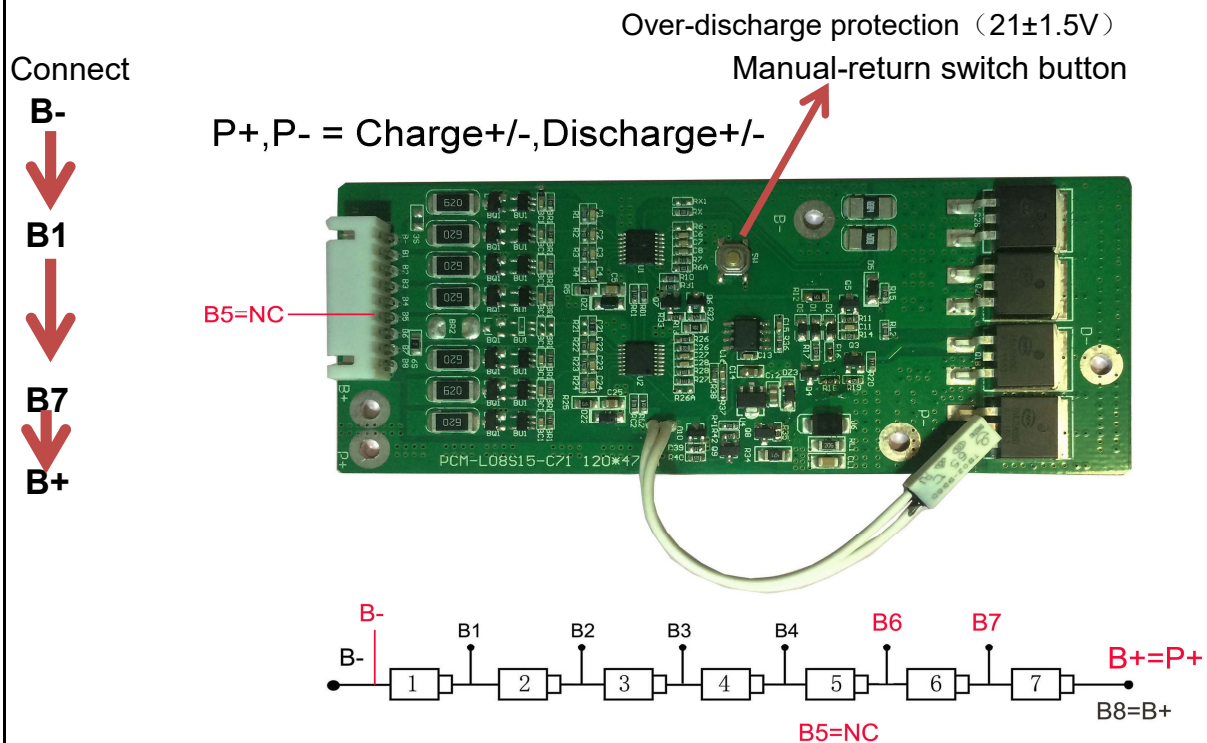


Protection Circuit Module Specifications For 25.9V Li-ion/Li-po Battery Pack

Model: CU-JAS336

No.	Test item		Criterion
1	Voltage	Charging voltage	DC: 29.4V CC/CV (4.2V/1cell)
		Balance voltage for single cell	4.20±0.03V
2	Current	Balance current for single cell	67±5mA
		Current consumption for single cell	≤500 μA
		Maximal continuous charging current	10A
		Maximal continuous discharging current	10A
3	Over charge Protection (single cell)	Over charge detection voltage	4.250 ± 0.025 V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.150 ± 0.050 V
4	Discharge protection	Over discharge detection voltage (single cell)	2.50 ± 0.080 V
		Over discharge detection delay time (single cell)	10ms—400ms
		Over discharge release voltage (single cell)	3.00 ± 0.100 V
		Over-discharge protection (Battery pack)	21±1.5V
5	Over current protection	Over current detection voltage	0.10 ± 0.015 V
		Over current detection current	40±5A
		Detection delay time	5ms—60ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load
7	Resistance	Protection circuitry (B- TO P-)	≤40mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃
		Discharging Temperature protection	65±5℃

L120*W47*T10mm



How to use Manual Switch Button:

No charge and discharge is allowed after over-discharge protection function triggered at $21 \pm 1.5V$.

If you want to reset the board, please disconnect the load first and press Switch Button to reset.

Note: Please do not press this Switch Button if over-discharge protection function is not triggered.

If the Switch Button is pressed by accident, please disconnect the load first and then press again to reset.