



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

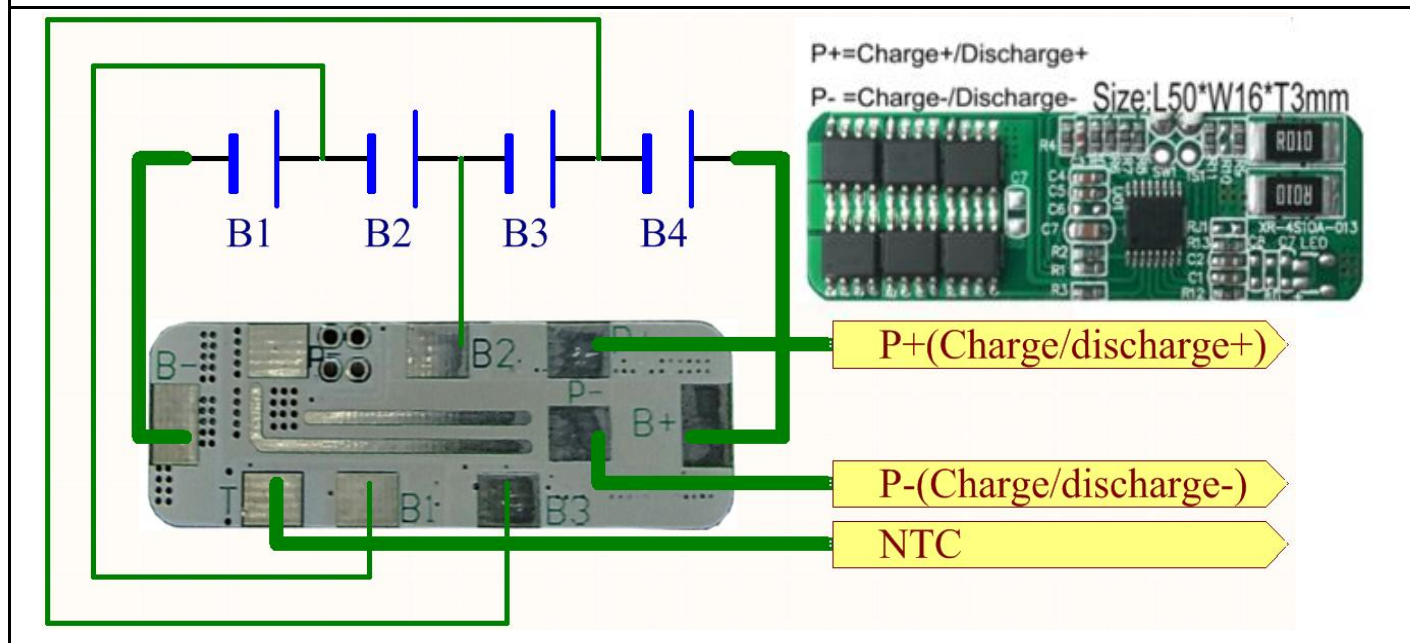
Model: PCM-LX4S10A-AY102 (LI-4S10A)

ver: A

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 16.8V CC/CV (4.2v/Cell) 4S
Supply Current	Normal operating mode current; Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤50uA
	Maximal continuous charging current	10A
	Maximal continuous discharging current	10A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	4.25±0.025V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.15±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.7±0.08V
	Over discharge detection delay time	50—200mS
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	30±5A
	Detection delay time	5ms—20ms
	Release condition	Cut load, Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-500us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤20mΩ
Temperature	Operating Temperature Range	0~+85℃
	Storage Temperature Range	0~+125℃

SIZE: L50*W16*T4 mm

NTC: / Temperature switch: / Weak current switch: / Activation Method: /



Prepared: Emily 2020-11-20

Checked:

Approved: