



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-LX4S7A-AY313 (LI-4S5A) ver: A

Test item (Test at normal temperature 25±2°C)		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	≤20uA
	Maximal continuous charging current	5A
	Maximal continuous discharging current	5A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.15±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.7±0.05V
	Over discharge detection delay time	10—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	18±3A
	Detection delay time	5ms—50ms
	Release condition	Cut load, Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-600us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤20mΩ
Temperature	Operating Temperature Range	-40~+85°C
	Storage Temperature Range	-40~+125°C

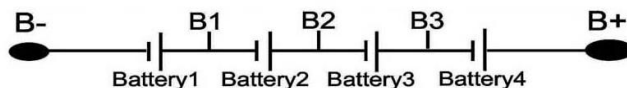
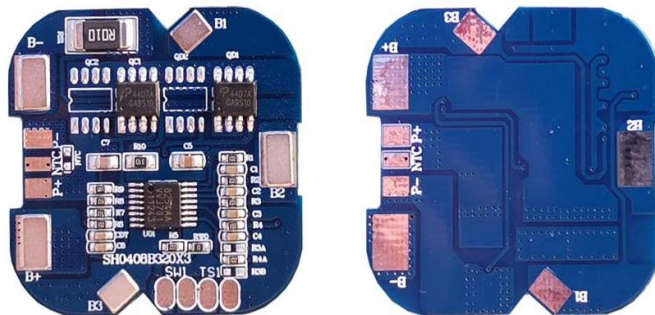
SIZE: L35*W35*T3 mm

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

P+=Charge+/Discharge+

P- =Charge-/Discharge-

Size:L35*W35*T3mm



Prepared: Emily 2020-7-31

Checked:

Approved: