



AYAA TECHNOLOGY CO.,LTD

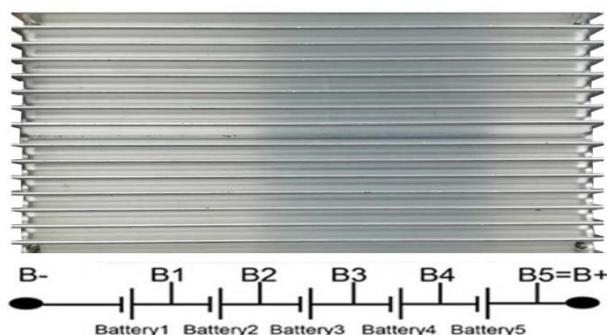
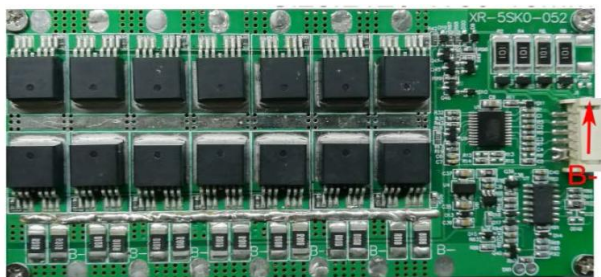
PCM Specifications

Model: PCM-L05S100A-AY073 (LI-5S80A) Ver: A

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 21V CC/CV (4.2v/Cell) 5S
Supply Current	Normal current consumption	≤50uA
	Maximal continuous charging current	80A
	Maximal continuous discharging current	80A
Balance	Balance current for single cell	42±10mA
	Balance voltage for single cell	4.2±0.05V
Over-charge Protection (single cell)	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.10±0.1V
Over-discharge Protection (single cell)	Over discharge detection voltage	2.8±0.05V
	Over discharge detection delay time	10—200mS
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	Discharge over current detection current	300±50A
	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	≤30mΩ
Temperature	High temperature discharge protection	65±3℃
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L120 * W60 * T18 mm

NTC: / Temperature switch: 65 ℃ (the batteries temperature) Weak current switch: / Activation Method: /



Prepared: Zjh 2025-05-20

Checked:

Approved:

Form number: AY-ENBG-007A0