



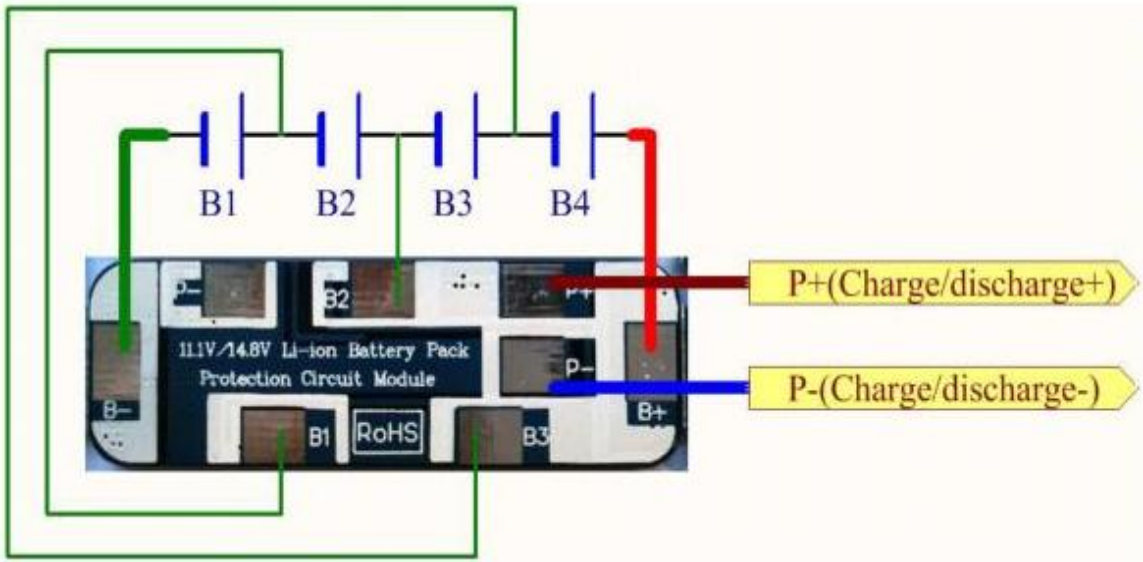
AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-Li04S8-016 (LI-4S7A) 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 current consumption	≤50uA
	Maximal continuous charging current	7A
	Maximal continuous discharging current	7A
Over-charge Protection (single cell)	Over charge detection voltage	4.35±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	2.4±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	15±5A
	Detection delay time	5mS—20mS
	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	≤65mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L50 * W16 * T3.0 mm

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



Prepared: Zjh 2025-05-15

Checked:

Approved: