



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-LB07S20A-AY026V4 (LF-6S10A) Ver: A

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 21.6V CC/CV (3.6v/Cell) 6S
Supply Current	Normal current consumption	≤30uA
	Maximal continuous charging current	10A
	Maximal continuous discharging current	10A
Balance	Balance current for single cell	36±10mA
	Balance voltage for single cell	3.50±0.05V
Over-charge Protection (single cell)	Over charge detection voltage	3.65±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	3.55±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.3±0.05V
	Over discharge detection delay time	10—200mS
	Over discharge release voltage	2.7±0.1V
Current protection (Battery pack)	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	200-600uS
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤30mΩ
Temperature	High temperature discharge protection	75℃
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

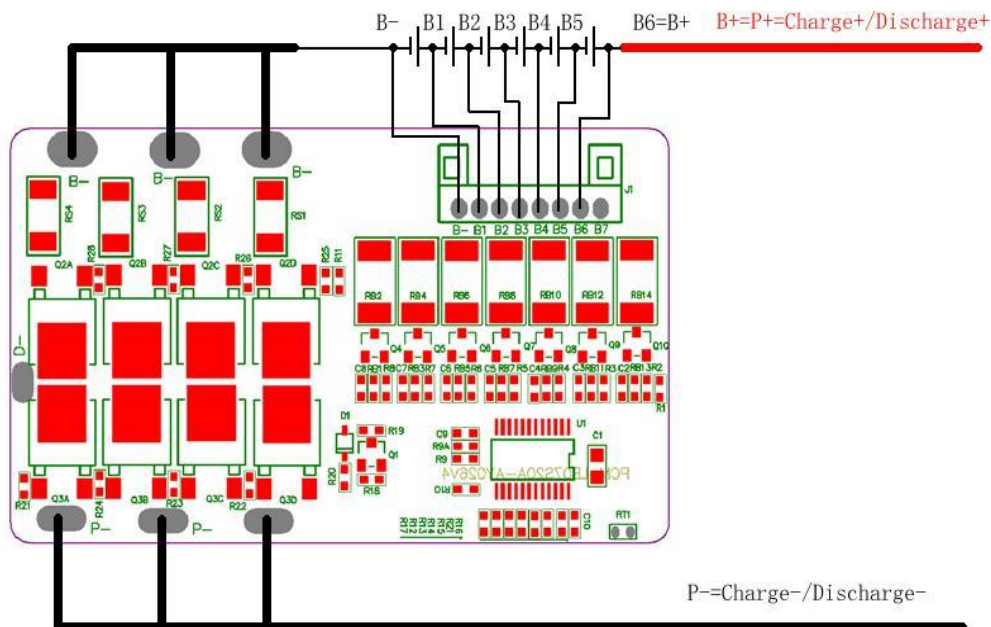
SIZE: L65 * W40 * T7 mm

NTC: 10K NTC cut off 75℃

Temperature switch: /℃ (the batteries temperature)

Weak current switch: /

Activation Method: /



Prepared: Zjh 2025-05-19

Form number: AY-ENBG-007A0

Checked:

Approved: