



AYAA TECHNOLOGY CO.,LTD  
PCM Specifications

Model: PCM-L12S10-C13 (LI-12S10A)

No.	Test item (Test at normal temperature 25±2℃)	Criterion
Communication Interface		I2C,Bluetooth
Voltage	Charging voltage	DC: 50.4V CC/CV (4.2v/Cell) 12S
Capacity	Designing battery capacity (PCM)	320Ah
Supply Current	Balance current for single cell	/
	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤400uA
	Maximal continuous charging current	10A
	Maximal continuous discharging current	10A
Over charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	Optional
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	Optional
Over discharge protection (single cell)	Over discharge detection voltage	Optional
	Over discharge detection delay time	0.5—2S
	Over discharge release voltage	Optional
Current protection (Battery pack)	Discharge Over current detection current	Adjustable
	Detection delay time	100—800mS
	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	≤50mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L80\*W65\*T10mm

NTC: 10KNTC B=3435    Temperature switch: 70℃    Weak current switch: /    Activation Method:/

