



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-L12S10-E13

No.	Test item (Test at normal temperature 25±2℃ and relative humidity≤90%)	Criterion
Communication Interface		SMBus,Bluetooth
Voltage	Charging voltage	DC: 50.4V CC/CV (4.2v/Cell) 12S
Capacity	Designing battery capacity (PCM)	320Ah
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
	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	200-800us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤50mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃
SIZE: L160*W128*T15mm		
NTC:10KNTC B=3435 Temperature switch: / Weak current switch: / Activation Method:/		