



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-L04S100-F49

No.	Test item (Test at normal temperature 25±2℃ and relative humidity≤90%)		Criterion
1	Communication Interface		I2C
2	Voltage	Charging voltage	DC: 13.8V~16.8V CC/CV (3.45V~4.2V/Cell) 4s
		Cell-balance detection voltage (Charge balance)	can be adjusted by required
		Cell-balance detection delay time	0.5S—2S
3	Current	Normal operating-mode current (Gas Gauge IC)	600 uA (average)
		SLEEP operating-mode current (Gas Gauge IC)	350 uA (average)
		Maximal continuous charging current	30-100A
		Maximal continuous discharging current	30-100A
4	Over charge Protection (single cell)	Over charge detection voltage	3.6-4.35V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.4-4.15V
5	Over discharge protection (single cell)	Over discharge detection voltage	2.0-3.0V
		Over discharge detection delay time	150—300mS
		Over discharge release voltage	2.3-3.2V
6	Over current protection (Battery pack)	Over current detection current	90-300A
		Detection delay time	50ms—300ms
		Release condition	Cut load,Auto Recovery
7	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load,Auto Recovery
8	Resistance	Protection circuitry (MOSFET)	≤50m Ω
9	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

SIZE: L200*W115*T14 mm

NTC: 10K NTC

Temperature switch: 65℃/90℃

Weak current switch: /

Activation Method:/

