



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-L04S10-187 (LI-4S12A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 16.8V CC/CV (4.2v/Cell) 4s
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤30uA
	Maximal continuous charging current	12A
	Maximal continuous discharging current	12A
	Balance current for single cell	42±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.2V ±0.05V
	Over charge detection voltage	4.25V ±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	2.7±0.05V
	Over discharge detection delay time	10—200mS
	Over discharge release voltage	3.0±0.1V
Over current protection	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	Protection circuitry (MOSFET)	≤50mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L90 *W40 *T4.5 mm

NTC: / Temperature switch: / Weak current switch: / Activation Method:/

