



PCM Specifications

Model: FBMS - A102(LFP 1S-3A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 3.65V CC/CV (3.65V/Cell)1S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤6uA
	Maximal continuous charging current	3A
	Maximal continuous discharging current	3A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	3.75±0.025V
	Over charge detection delay time	0.9S—1.6S
	Over charge release voltage	3.6±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.1±0.08V
	Over discharge detection delay time	50—200mS
	Over discharge release voltage	2.3±0.10V
Current protection (Battery pack)	ChargeOver current detection current	6±9A
	Detection delay time	1ms—20ms
	Discharge Over current detection current	6±9A
	Detection delay time	1ms—20ms
	Release condition	Cut load
Short protection	Detection condition	Exterior short circuit
	Detection delay time	150-600us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤50mΩ
Temperature	Operating Temperature Range	-20~+65℃
	Storage Temperature Range	-40~+85℃

SIZE: L17.5 *W15.9*T0.5 mm

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

