



PCM Specifications

Model: FBMS - A103(LFP 1S-15A)

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	≤20uA
	Maximal continuous charging current	15A
	Maximal continuous discharging current	15A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	3.75±0.050V
	Over charge detection delay time	0.5S—1.5S
	Over charge release voltage	3.6±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.1±0.1V
	Over discharge detection delay time	10—40mS
	Over discharge release voltage	2.3±0.10V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	40±80A
	Detection delay time	5ms—15ms
	Release condition	Remove load
Short protection	Detection condition	No fire ,no smoke
	Detection delay time	100-500us
	Release condition	Remove load
Resistance	Main loop electrify resistance	≤20mΩ
Temperature	Operating Temperature Range	-40~+65℃
	Storage Temperature Range	-40~+85℃

SIZE: L65 *W25*T8 mm

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

