



PCM Specifications

Model: FBMS - A404(LFP 4S-6A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 14.6V CC/CV (3.65V/Cell)4S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤40uA
	Maximal continuous charging current	6A
	Maximal continuous discharging current	6A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	3.65±0.050V
	Over charge detection delay time	0.5S—1.5S
	Over charge release voltage	3.48±0.10V
Over discharge protection (single cell)	Over discharge detection voltage	2.32±0.10V
	Over discharge detection delay time	500—1500mS
	Over discharge release voltage	2.58±0.20V
Current protection (Battery pack)	ChargeOver current detection current	10-25A
	Detection delay time	500ms—1500ms
	Discharge Over current detection current	15-25A
	Detection delay time	500-1500mS
	Release condition	Remove load/Charge
Short protection	Detection condition	No fire,no smoke
	Detection delay time	100-600us
	Release condition	Remove Load
Resistance	Main loop electrify resistance	≤40mΩ
Temperature	Operating Temperature Range	-40~+65℃
	Storage Temperature Range	-40~+85℃

SIZE: L35 *W35*T8 mm

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

