



PCM Specifications

Model: FBMS - A400(LFP 4S-8A)

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	≤20uA
	Maximal continuous charging current	8A
	Maximal continuous discharging current	8A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	3.90±0.025V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	3.8±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.0±0.8V
	Over discharge detection delay time	10—300mS
	Over discharge release voltage	2.3±0.10V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	final data fixed fro actual test
	Detection delay time	5ms—20ms
	Release condition	Cut load,Auto release
Short protection	Detection condition	Exterior short circuit
	Detection delay time	100-500us
	Release condition	Charge Up
Resistance	Main loop electrify resistance	≤50mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~ 125℃

SIZE: L100 *W16*T3 mm

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

