

Model: BMS -A113 (Li-ion 1S-3A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC:4.2V CC/CV (4.2v/Cell) 1S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD >Sleep Current	≤10uA
	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	4.25±0.025V
	Over charge detection delay time	0.5-2S
	Over charge release voltage	4.05±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.5±0.062V
	Over discharge detection delay time	50±200mS
	Over discharge release voltage	3.0±0.075V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	7±2A
	Detection delay time	5-15mS
	Release condition	Cut load
Discharge Short protection	Detection condition	Exterior short circuit
	Detection delay time	100-600us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤50mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L28*W4*T3mm

NTC:10K Temperature switch : / Weak current switch: / Activation Method:/

P+=Charge+=Discharge+
 P-=Charge-=Discharge-

