

Model: BMS - A116 (Li-ion 1S-6A)

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	≤6uA
	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	4.28±0.025V
	Over charge detection delay time	120-200ms
	Over charge release voltage	4.08±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.4±0.10V
	Over discharge detection delay time	40-120mS
	Over discharge release voltage	3.0±0.10V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	10-13A
	Detection delay time	10-18ms
	Release condition	Cut load, Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	500-700us
	Release condition	Cut short circuit
Resistance	Main loop electrify resistance	≤ 30mΩ, 3.6V
Temperature	Operating Temperature Range	-20~+60℃
	Storage Temperature Range	-40~+125℃

SIZE: L40 \*W8\*T1 mm

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

