

Model: BMS -A1601(Li-ion 16S-40A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC:67.2V CC/CV (4.2v/Cell) 1S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD >Sleep Current	≤50uA
	Maximal continuous charging current	40A
	Maximal continuous discharging current	40A
	Balance current for single cell	25±5mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.20±0.03V
	Over charge detection voltage	4.25±0.03V
	Over charge detection delay time	500-1500mS
	Over charge release voltage	4.19±0.03V
Over discharge protection (single cell)	Over discharge detection voltage	2.9±0.10V
	Over discharge detection delay time	50-500mS
	Over discharge release voltage	2.8±0.10V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	120±20A
	Detection delay time	50-200mS
	Release condition	Cut load
Discharge Short protection	Detection condition	Exterior short circuit
	Detection delay time	100-300us
	Release condition	Cut load/Charge
Resistance	Main loop electrify resistance	≤20mΩ
Temperature	Operating Temperature Range	-20~+70℃
	Storage Temperature Range	-40~+85℃

SIZE: L95*W87*T10mm

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

