

Model: BMS - A710 (Li-ion 7S-20A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 29.4V CC/CV (4.2v/Cell) 1S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤80uA
	Maximal continuous charging current	20A
	Maximal continuous discharging current	20A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	4.28±0.10V
	Over charge detection delay time	50-200mS
	Over charge release voltage	4.08±0.10V
Over discharge protection (single cell)	Over discharge detection voltage	2.4±0.10V
	Over discharge detection delay time	500-200mS
	Over discharge release voltage	3.0±0.20V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	40-85A
	Detection delay time	5-50mS
	Release condition	Cut load
Discharge Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-600us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤60mΩ
Temperature	Operating Temperature Range	-40~+65℃
	Storage Temperature Range	-40~+125℃

SIZE: L124*W64*T12mm

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

