⊕ ORION® ⌁
PCM Specifications

Model: BMS700 (7S-15A) ver: A		
Test item（Test at normal temperature 25±2℃ ）		Criterion
Voltage	Charging voltage	DC：29.4V CC/CV（4.2v/Cell）7s
Supply Current	Normal operating mode current：Fuel gauge in　　NORMAL mode. ILOAD >Sleep Current	≤20uA
	Maximal continuous charging current	15A
	Maximal continuous discharging current	15A
	Balance current for single cell	42±10mA
Over-charge Protection（single cell）	Balance voltage for single cell	4.20±0.05V
	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.05±0.1V
Over discharge protection（single cell）	Over discharge detection voltage	2.8±0.05V
	Over discharge detection delay time	10—200mS
	Over discharge release voltage	3.0±0.1V
Current protection（Battery pack）	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	50±10A
	Detection delay time	5ms—20ms
	Release condition	Cut load,Auto Recovery
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～+85℃
	Storage Temperature Range	-40～+125℃

SIZE: L60 *W39 *T9 mm

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