

ORION[®]

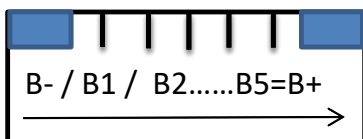
PCM Specifications

Model: BMS 501 (Li-ion 5S-15A) ver: A

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 21V CC/CV (4.2v/Cell) 5s
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
Over-charge Protection (single cell)	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)	Discharge Over current detection current	30±5A
	Detection delay time	5ms—50ms
	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	≤65mΩ
Temperature	high temperature discharge protection	/
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L88 *W16 *T4 mm

NTC: / Temperature switch: / (the batteries temperature) Weak current switch: / Activation Method: /



- B-
- B1=3.7V
- B2=7.4V
- B3=11.1
- B4=14.8
- B5=18.5V