



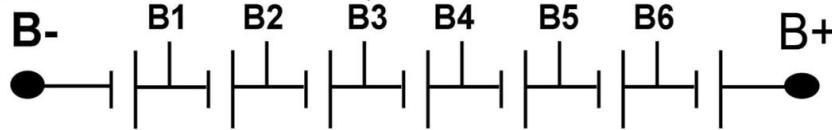
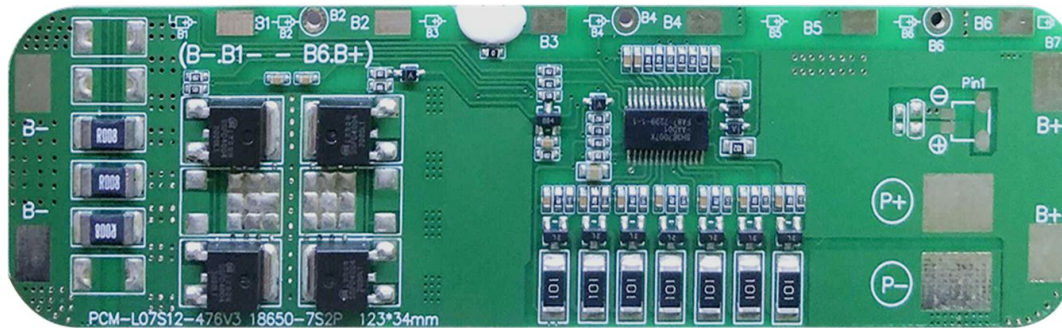
AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-L07S12-476V3 (LI-7S8A) 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	≤50uA
	Maximal continuous charging current	8A
	Maximal continuous discharging current	8A
	Balance current for single cell	42±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.18±0.05V
	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.15±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.8±0.05V
	Over discharge detection delay time	0.5S—2S
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	35±5A
	Detection delay time	0.5S—2S
	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	≤30mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L123*W34*T5 mm

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



Prepared: Emily 2020-9-17

Checked:

Approved: