



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-LX14S15A-AY200 (LI-14S15A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 58.8V CC/CV (4.2v/Cell) 14S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤25uA
	Maximal continuous charging current	15A
	Maximal continuous discharging current	15A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.10±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.50±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	45±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	≤20mΩ
Temperature	high temperature discharge protection	/
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

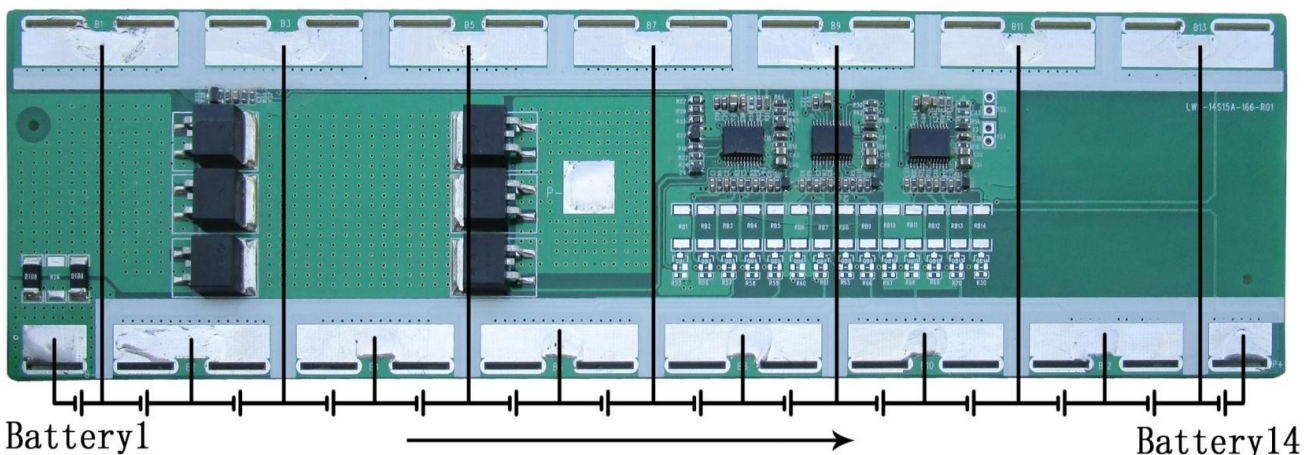
SIZE: L257*W71*T6.5 mm

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

P+=B+=Charge+/Discharge+

Size:L257*W71*T6.5mm

P-=Charge-/Discharge-



Prepared: Emily 2020-3-23

Checked:

Approved:

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