



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

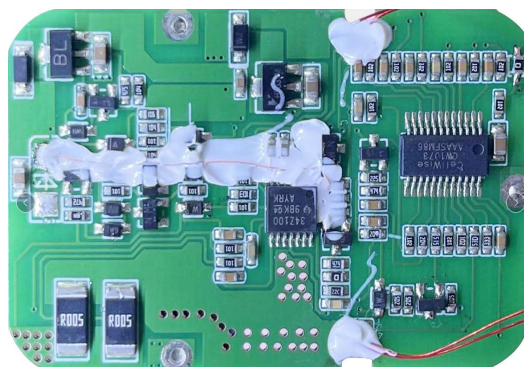
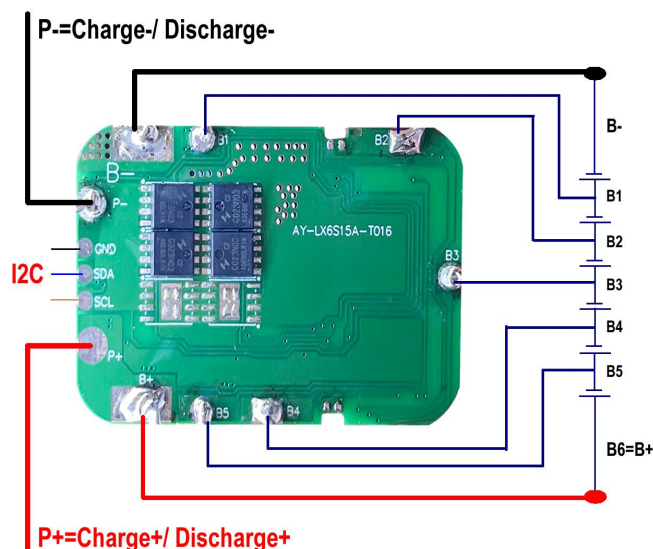
Model: AY-LX6S15A-T016

Ver: A BQ34Z100

Test item (Test at normal temperature 25±2℃)		Criterion
Communication Interface		I2C
Voltage	Charging voltage	DC: 25.2V CC/CV (4.2V/Cell) 6s
Capacity	Designing battery capacity (PCM)	/Ah
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤200uA
	Low-power operating mode current: Fuel gauge in SLEEP mode. ILOAD < Sleep Current	≤130 uA
	Low-power operating mode current: Fuel gauge in FULLSLEEP mode. ILOAD < Sleep Current	≤12uA
	Maximal continuous charging current	12A
	Maximal continuous discharging current	12A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	4.25±0.025V
	Over charge detection delay time	1S
	Over charge release voltage	4.15±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.7±0.05V
	Over discharge detection delay time	1S
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	Discharge Over current detection current1	40±10A
	Detection delay time	1S
	Discharge Over current detection current2	80±10A
	Detection delay time	100ms
	Release condition	Cut load, Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	180-300us
	Release condition	Cut load
Temperature	Discharge temperature protection	-10~+65℃
	Charge temperature protection	0~+60℃
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: 52*34*6mm

NTC: 10KNTC B=3435 Temperature switch: / °C (the batteries temperature) Weak current switch: / Activation Method: /



Prepared: Cassie 2021-7-28

Checked:

Approved:

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