



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-LX06S07A-641(A-1) (LF-6S7A) Ver: A

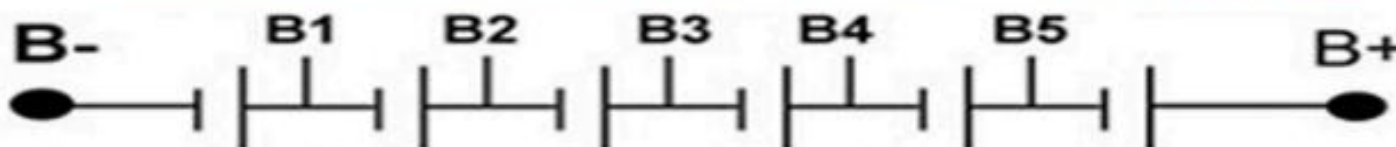
Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 21.6V CC/CV (3.6v/Cell) 6S
Supply Current	Normal current consumption	≤20uA
	Maximal continuous charging current	7A
	Maximal continuous discharging current	7A
Balance	Balance current for single cell	/
	Balance voltage for single cell	/
Over-charge Protection (single cell)	Over charge detection voltage	3.9±0.1V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	3.8±0.1V
Over-discharge Protection (single cell)	Over discharge detection voltage	2.0±0.1V
	Over discharge detection delay time	10—300mS
	Over discharge release voltage	2.3±0.1V
Current protection (Battery pack)	Discharge over current detection current	20±3A
	Detection delay time	50mS—500mS
	Release condition	Cut load,Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-800uS
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤20mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L103 * W17 * T5 mm

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

P+=Charge+/Discharge+

P- =Charge-/Discharge- Size:L103*W17*T5mm



Prepared: Zjh 2025-05-20

Checked:

Approved:

Form number: AY-ENBG-007A0