



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-LB20S150A-AY065

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 84V CC/CV (4.2v/Cell) 20S
Supply Current	Normal operating mode Self consumption current	≤ 50uA
	Maximal continuous charging current	20A
	Maximal continuous discharging current	150A
	Balance current for single cell	42±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.2V±0.05V
	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	2.8±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	500±100A
	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	≤30mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L200 *W110 *T19 mm

NTC: / Temperature switch: 65 ℃ Weak current switch: / Activation Method: /

