



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-LB20S400A-AY306 (LF-4S300A)

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 14.4V CC/ CV (3.6v/Cell) 4s
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤50uA
	Maximal continuous charging current	300A
	Maximal continuous discharging current	300A
	Balance current for single cell	36±5mA
Over-charge Protection (single cell)	Balance voltage for single cell	3.6±0.05V
	Over charge detection voltage	3.85±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	3.65±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.3±0.05V
	Over discharge detection delay time	10—200mS
	Over discharge release voltage	2.5±0.1V
Current protection (Battery pack)	Discharge Over current detection current	800±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	≤20mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L175 *W116.5 *T18 mm

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

