



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-L10S10-C19

Test item (Test at normal temperature 25±2℃)		Criterion
Communication Interface		I2C ,Bluetooth
Voltage	Charging voltage	DC: 42V CC/CV (4.2v/Cell) 10S
Capacity	Designing battery capacity (PCM)	320Ah
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤400uA
	Maximal continuous charging current	10A
	Maximal continuous discharging current	10A
	Balance current for single cell	42±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.25±0.05V
	Over charge detection voltage	Optional
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	Optional
Over discharge protection (single cell)	Over discharge detection voltage	Optional
	Over discharge detection delay time	0.5—2S
	Over discharge release voltage	Optional
Over current protection	Discharge Over current detection current	Adjustable
	Detection delay time	100ms—800ms
	Release condition	Cut load,Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-600us
	Release condition	Cut load
Resistance	Protection circuitry (MOSFET)	≤50mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃
SIZE: L100*W50*T10mm		
NTC: 10KNTC B=3435 Temperature switch: / Weak current switch: / Activation Method:/		

