



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-L16S25-591

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 67.2V CC/CV (4.2V/Cell) 16S
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤50uA
	Maximal continuous charging current	20A
	Maximal continuous discharging current	20A
	Balance current for single cell	68±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.2V±0.025V
	Over charge detection voltage	4.25±0.025V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.15±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.50±0.07V
	Over discharge detection delay time	0.5S—2S
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	Discharge Over current detection current	80±10A
	Detection delay time	200-600us
	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	high temperature discharge protection	65℃
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L78*W55*T18mm

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

