



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-L10S10-914

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 42V CC/CV
Supply Current	Current consumption	≤20μA
	Maximal continuous charging current	12A
	Maximal continuous discharging current	12A
	Balance current for single cell	/
Over-charge Protection (single cell)	Balance voltage for single cell	/
	Over charge detection voltage	4.25±0.025V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.05±0.05V
Over discharge protection (single cell)	Over discharge detection voltage	2.5±0.07V
	Over discharge detection delay time	10—30mS
	Over discharge release voltage	3.0±0.1V
Over current protection	Over current detection voltage	0.2±0.015V
	Over current detection current	35±5A
	Detection delay time	5ms—20ms
	Release condition	Cut load
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-500us
	Release condition	Cut load
Resistance	Protection circuitry (MOSFET)	≤30mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃
	Over Temperature protection (discharge)	60±5℃
SIZE: L90*W50*T6mm		
NTC: / Temperature switch: / Weak current switch: / Activation Method:/		
		