



AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-L10S10-B70

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 42V CC/CV
Supply Current	Current consumption for single cell	≤20uA
	Maximal continuous charging current	20A
	Maximal continuous discharging current	20A
	Balance current for single cell	67±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.20±0.05V
	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.01±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.50±0.1V
	Over discharge detection delay time	0.2S—1S
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	Over current detection current	70±10A
	Detection delay time	5ms—60ms
	Release condition	Cut load,Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-800us
	Release condition	Cut load, Auto Recovery
Resistance	Protection circuitry	≤30mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L68*W49*T11mm

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

