

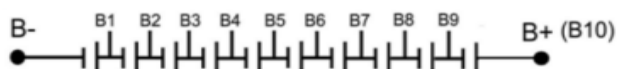
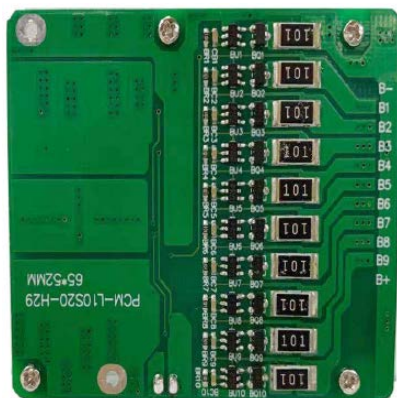


PCM for 25.6V LiFePO₄ Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion
1	Voltage	Charging voltage
		DC:28.8V CC/CV
2	Current	Balance voltage / series
		3.60V±0.05V
		Balance current
		72±10mA
		Low current consumption for single section
3	Over Charge Protection	≤100µA
		Maximal continuous Charging current
		20A
		Maximal continuous Discharging current
4	Over Discharge Protection	20A
		Over charge detection voltage
		3.90V±0.05V
		Over charge detection delay time
5	Over Current Protection	0.5S - 2.0S
		Over charge release voltage
		3.80V±0.10V
		Over discharge detection voltage
6	Short Protection	2.00V±0.10V
		Over discharge detection delay time
		10ms - 150ms
		Over discharge release voltage
7	Resistance	2.50V±0.10V
		Over current detection current
		70±20A
		Detection delay time
8	Temperature	10ms - 300ms
		Release condition
		Cut load
		Detection condition
9	Dimensions	Exterior short circuit
		Detection delay time
		200-800us
		Release condition
		Cut load
		Protection circuitry
		≤20mΩ
		Operating Temperature Range
		-40~+85°C
		Storage Temperature Range
		-40~+125°C
		L 65.0mm x W 52.0mm x T 9.5mm

IMAGE



CONNECTION DIAGRAM

