

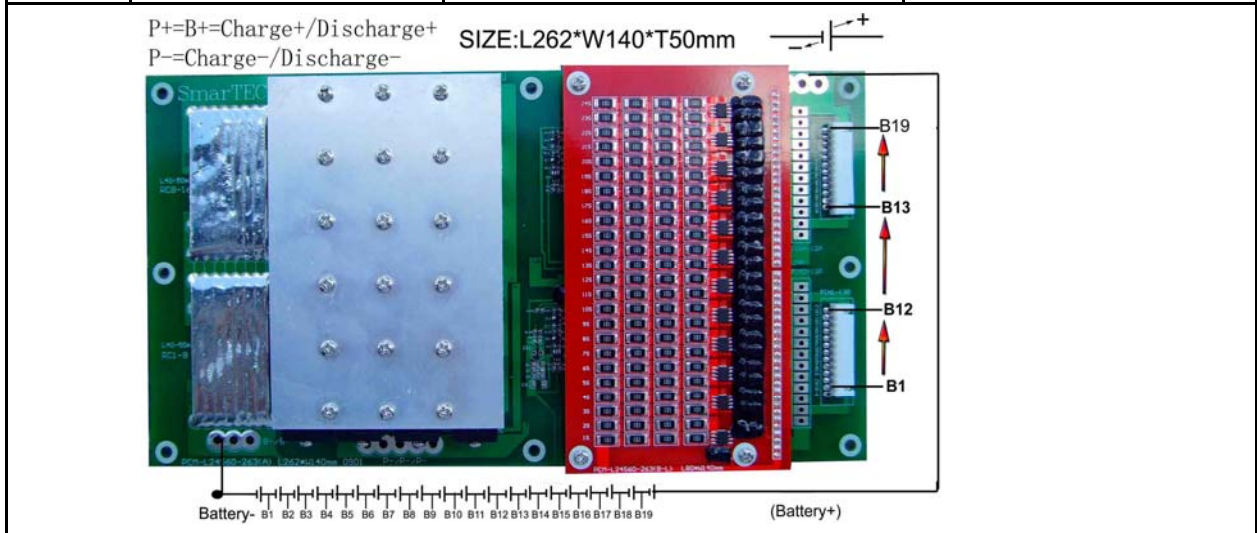


# Protection Circuit Module

## For 60.8V LiFePO4 Battery Pack

### PCM-L24S60-263(19S)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:68.4V 3.6V/Cell
		Balance voltage for single cell	3.60±0.025V
2	Current	Balance current for single cell	144±10mA
		Current consumption for single cell	≤20μA
		Maximal continuous charging current	60A
		Maximal continuous discharging current	60A
3	Overcharge Protection	Over charge detection voltage	3.90±0.025V
		Over charge detection delay time	0.96~1.4S
		Over charge release voltage	3.80±0.05V
4	Over-discharge Protection	Over discharge detection voltage	2.00±0.05V
		Over discharge detection delay time	115~173mS
		Over discharge release voltage	2.3±0.05V
5	Over Current Protection	Over current detection voltage	0.62V
		Over current detection current	200±20A(adjustable)
		Detection delay time	7.2ms~11ms
		Release condition	Automatic Recovery
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry	≤20mΩ
8	Temperature	Operating temperature range	-40~+85℃
		Storage temperature range	-40~+125℃
9	Size		L262*W140*T50(mm)



\* Characteristics subject to change without notice.