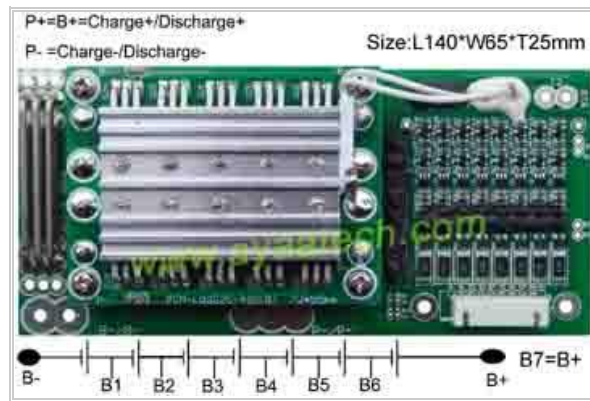


# BMS24/25c8 datasheet



Protection Circuit Module Specifications For 25.6V LiFePO4 Battery Pack			
Model: PCM-L08S25-499 (8S)			
No	Test item		Criterion
			<b>Lifepo4</b>
1	Voltage	Charging voltage	DC28.8VCC/CV (3.6V/cell)
		Balance voltage for single cell	3.6V±0.025V
2	Current	Balance current for single cell	36/72±10mA
		Current consumption for single cell	≤20μA
		Max. continuous charging current	40A
		Max. cont. discharging current	40A
3	Over charge protection (single cell)	Over charge detection voltage	3.9V±0.025V (optional)
		Over charge detection delay time	0.5-2.0S
		Over charge release voltage	3.80±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.0±0.05V (optional)
		Over discharge detection delay time	10-300mS
		Over discharge release voltage	2.3±0.05V
5	Over current protection	Over current detection current	final data fixed from actual test
		Detection delay time	5-20ms
		Release condition	Cut load, Auto release
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	100~500us
		Release condition	charge up
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃
9	Dimension		L140*W65*T25mm
	<b>Type</b>		<b>Lifepo4</b>
<b>Optional Parameters:</b>		Over charge detection voltage (V)	3.9±0.025
		Over charge release voltage(V)	3.80±0.05
		Over discharge detection voltage(V)	2.0±0.062
		Over discharge release voltage(V)	2.0±0.062