

Protection Circuit Module Specifications For 22.2V Li-ion/Li-po Battery Pack

Model: PCM-L06S10-988 (LI-6S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC: 25.2V CC/CV (4.2V/1cell)
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	$\leq 10 \mu A$
		Maximal continuous Charging current	7A
		Maximal continuous discharging current	7A
3	Over charge Protection (single cell)	Over charge detection voltage	4.325±0.025V
		Over charge detection delay time	0.96S—1.4S
		Over charge release voltage	4.075±0.025V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.50±0.05V
		Over discharge detection delay time	115—173ms
		Over discharge release voltage	2.9±0.05V
5	Over current protection	Over current detection voltage	0.15V±0.025V
		Over current detection current	20A±3A
		Detection delay time	8ms—16ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	100-600us
		Release condition	Cut load
7	Resistance	Protection circuitry (B- TO P-)	$\leq 50m\Omega$
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

P+,P- = Charge+/-,Discharge+/-

Φ80mm

