

Protection Circuit Module Specifications For 11.1V Li-ion Battery Pack

Model: PCM-Li03S5-066 (3S)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:12.6V CC/CV
2	Current	Current consumption	$\leq 50 \mu A$
		Maximal continuous Discharging current	4A
3	Over charge Protection	Over charge detection voltage	4.35V $\pm$ 0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage	4.15V $\pm$ 0.05V
4	Over discharge protection	Over discharge detection voltage	2.40V $\pm$ 0.08V
		Over discharge detection delay time	50—150ms
		Over discharge release voltage	3.0 $\pm$ 0.10V
5	Over current protection	Over current detection voltage	150 $\pm$ 25mv
		Over current detection current	5 $\pm$ 1A
		Detection delay time	5ms—15ms
		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	$\leq 50m \Omega$
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

SIZE:32*30*1.95mm

