

Specifications for 22.2-29.6V Li-Ion / 19.2V -25.6V LFP Battery Pack

Model: PCM-SM17

No.	Test item	Criterion	
1	Voltage	Charging voltage	CC/CV, 4.2V/1cell x number of cells
		Balance voltage for single cell	4.2V±0.03V
2	Current	Balance current for single cell	85mA±5mA
		Current consumption for single cell	≤20 μ A
		Maximal continuous Discharging current	5A
3	Over charge Protection (single cell)	Over charge detection voltage	4.325±0.025V
		Over charge detection delay time	0.5S—2S
		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	100—200mS
		Over discharge release voltage	2.9±0.05V
5	Over current protection	Over current detection voltage	0.15V
		Over current detection current	8-12A
		Detection delay time	5ms—15ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry (B- TO P-)	≤60m Ω
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

P+,P- = Charge+/-,Discharge+/-
Size:L50*W40*T9mm

