



PCM Specifications For 22.2V (6S) Li-ion Battery Packs

Model:LWS-6S10A-039(6S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:25.2V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	42±5mA
		Current consumption	≤20μA
		Maximal continuous charging current	12A
		Maximal continuous Discharging current	12A
3	Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.05±0.025V
4	Over discharge protection	Over discharge detection voltage for single cell	2.80±0.05V
		Over discharge detection delay time	10mS—150mS
		Over discharge release voltage for single cell	3.00±0.05V
5	Over current protection	Over current detection voltage	0.15±0.025V
		Over current detection current	45±5A
		Detection delay time	5ms—15ms
		Release condition	Cut load,Auto-Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load,Auto-Recovery
7	Resistance	Protection circuitry (MOSFET)	≤20mΩ
		Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

Size:L65.5*W30.5*T7.5mm

