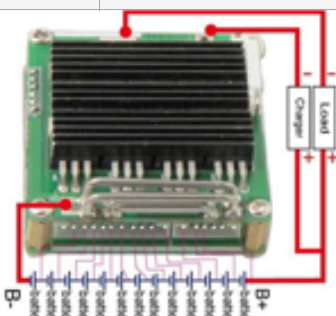


For 48.1V 13S Li-ion / Li-Polymer Battery Packs

Item	Contents		Criteria (Adjustable)
			<b>13S-25A working current</b>
1	Voltage	Charging voltage	54.6V
2	Current	Maximal continuous charging current	5A
		Maximal continuous discharging	25A (peak 30A for several seconds)
		Current consumption	≤20μA
3	Overcharge Protection	Over charge detection voltage	4.28V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	4.08V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.80V±0.05V
		Over discharge detection delay time	50~200mS
		Over discharge release voltage	2.80V±0.1V
5	Over Current Protection	Over current detection voltage	0.1V~0.2V
		Over current detection current	50A±10A
		Detection delay time	5~20mS
		Release condition	Cut load, automatically recover
6	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load, automatically recover
7	Balance	Balance voltage for single cell	4.20V±0.025V
		Balance current for single cell	84mA±10mA
8	Resistance	Inner resistance	≤20mΩ
9	Temperature	Operating temperature range	-40 ~ +85°C
		Storage temperature range	-20~ +125°C
10	Size (L*W*T)	60mm*50mm*25mm	
			Remarks: Charge, Discharge at different Port P+=B+=Charge+/Discharge+ Ch=Charge- P-=Discharge-