

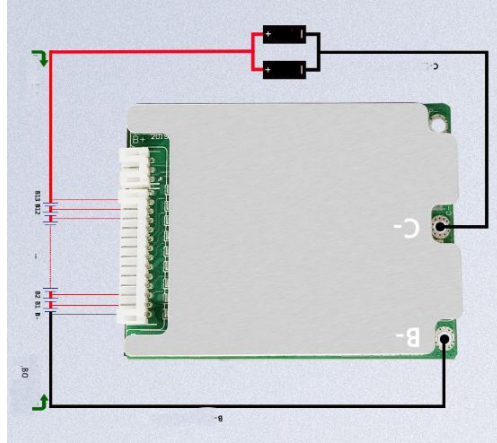
**PCM / BMS / PCB**  
For25.2 6S Li-ion Battery Packs

Data Sheet

Item	Contents		Criteria ( <b>Adjustable</b> )
1	Model	D1146	6S-20A working current
2	Voltage	Charging voltage	25.2V
3	Current	Maximal continuous charging current	20A
		Maximal continuous discharging current	20A
		Current consumption	≤100μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	500mS-1500mS
		Over charge release voltage	4.15V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.70V±0.08V
		Over discharge detection delay time	500mS-1500mS
		Over discharge release voltage	3.0V±0.1V
6	Over Current Protection (1 <sup>st</sup> Protection)	Over current detection current	30A±5A
		Detection delay time	300mS-700mS
		Release condition	Cut load, automatically recover
7	Over Current Protection (2 <sup>nd</sup> Protection)	Over current detection current	50A±10A
		Detection delay time	30mS-70mS
		Release condition	Cut load, automatically recover
8	Short Circuit Protection	Short circuit detection current	≥40A
		Detection delay time	100uS-600uS
		Detection condition	Cut load, automatically recover
9	Balance	Balance voltage for single cell	4.10V±0.025V
		Balance current for single cell	42mA±15mA
10	Resistance	Inner resistance	≤20mΩ
11	Temperature	Operating temperature range	-20~ +65°C
		Storage temperature range	-20~ +125°C
12	Size (L*W*T)	L70mm*W55mm*T10mm	

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Connection Diagram



Remarks:

Charge, Discharge at same Port

P+ = B+ / Charge+ / Discharge+

C- = Charge- / Discharge-

\*Note: Characteristics subject to change without notice