

**PCM / BMS / PCB**  
For 28.8V 8S Li-fepo4 Battery Packs

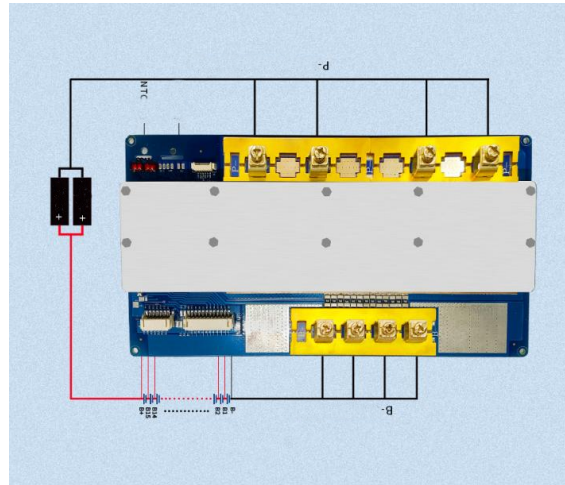
Data Sheet

Item	Contents		Criteria ( <b>Adjustable</b> )
1	Model	D905	8S-150A working current
2	Voltage	Charging voltage	28.8V
3	Current	Maximal continuous charging current	150A
		Maximal continuous discharging current	150A
		Current consumption	≤100μA
4	Overcharge Protection	Over charge detection voltage	3.65V±0.025V
		Over charge detection delay time	500mS-1500mS
		Over charge release voltage	3.50V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.50V±0.08V
		Over discharge detection delay time	500mS-1500mS
		Over discharge release voltage	2.70V±0.1V
6	Over Current Protection (1 <sup>st</sup> Protection)	Over current detection current	200A±20A
		Detection delay time	50mS-150mS
		Release condition	Cut load, automatically recover
7	Over Current Protection (2 <sup>nd</sup> Protection)	Over current detection current	400A±40A
		Detection delay time	5mS-15mS
		Release condition	Cut load, automatically recover
8	Short Circuit Protection	Short circuit detection current	≥800A
		Detection delay time	100uS-600uS
		Detection condition	Cut load, automatically recover
9	Balance	Balance voltage for single cell	3.50V±0.025V
		Balance current for single cell	36mA±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)	L220mm*W120mm*T15mm	

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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