



PCM / BMS / PCB

For 64V 20S LiFePO4 Battery Packs

Data Sheet

	Contents	Criteria (Adjustable)
Model		20S-80A working current
		72V
2 Voltage 3 Current		80A
	Maximal continuous discharging current	80A(Peak Current 160A for few milliseconds)
	Current consumption	≤20µA
4 Overcharge Protection	Over charge detection voltage	3.90V±0.025V
	Over charge detection delay time	0.5~2S
	Over charge release voltage	3.80V±0.025V
5 Over Discharge Protection	Over discharge detection voltage	2.00V±0.05V
	Over discharge detection delay time	50~200mS
	Over discharge release voltage	2.30V±0.1V
6 Over Current Protection	Over current detection voltage	0.1V~0.2V
	Over current detection current	240~320A
	Detection delay time	5~20mS
	Release condition	Cut load, automatically recover
7 Short Circuit Protection	Detection condition	Exterior shot circuit
	Detection delay time	200~500uS
	Release condition	Cut load, automatically recover
8 Balance	Balance voltage for single cell	3.60V±0.025V
	Balance current for single cell	144mA±20mA
Resistance	Inner resistance	≤20mΩ
10 Temperature	Operating temperature range	-40~+85°C
	Storage temperature range	-20~+125°C
Size (L*W*T)	L220mm*W120mm*T30mm	
		<b>Remarks:</b> Charge,Discharge at same Port P+=B+/Charge+/Discharge+ P-=Charge-/Discharge-
	Overcharge Protection   Over Discharge Protection   Over Current Protection   Short Circuit Protection   Balance   Resistance   Temperature   Size (L*W*T)	Voltage Charging voltage   Current Maximal continuous charging current   Maximal continuous discharging current Maximal continuous discharging current   Current Current consumption   Over charge detection voltage Over charge detection voltage   Over Discharge Protection Over discharge detection voltage   Over Discharge Protection Over discharge detection voltage   Over Discharge Protection Over discharge detection voltage   Over Current Protection Over current detection voltage   Over Current Protection Over current detection current   Detection condition Detection condition   Short Circuit Protection Detection condition   Balance Balance voltage for single cell   Balance Inner resistance   Temperature Operating temperature range   Size (L*W*T) L220mm*W120r   Current Current current protection   Outer turrent Detection current range   Size (L*W*T) Current resistance   Maximal current for single cell Detection current range   Size (L*W*T) Current resistance   Maxet turrent range Surrent range

\*Note:Characteristics subject to change without notice.