



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	
		Remarks: 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.