

Shenzhen Li-ion Battery Bodyguard Technology Co.,LTD			
PCM Specifications For 25.6V (8S) LiFePo4 Battery Packs			
Model: LWS-20S120A-175-R01 (8S) Different Port			
No.	Test item		Criterion
1	Voltage	Charging voltage	DC:28.8V CC/CV
		Single balanced voltage	3.6V±0.025V
2	Current	Balance current for single cell	72mA±3mA
		Current consumption	≤25uA
		Maximal continuous charging current	70A
		Maximal continuous Discharging current	130A
3	Over charge Protection	Overcharge detection voltage	3.90V±0.025V
		Over charge detection delay time	800—1300mS
		Over charge release voltage for single cell	3.80±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.50V±0.0625V
		Over discharge detection delay time	1.8±0.5S
		Over discharge release voltage for single cell	3.00±0.075V
5	Over current protection	Over current detection voltage	200±25mv
		Over current detection current	300±50A
		Detection delay time	800-1200mS
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	180-550us
		Release condition	Cut load
7	Resistance	Protection circuitry (MOSFET)	≤20mΩ
8	Temperature	Protection Temperature	75℃±5℃
		Temperature Release	50.5℃±12.5℃
		Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

B+=C+=P+= Charger+/Discharge+

P-=C-=Charger-/Discharge-

Size: L224*W111*T29mm



