



PRODUCT SPECIFICATION

Date:

2023-5-11

Project Name:

Project Name Here

Manufacturer

CM Batteries Co.,Ltd

Customer ID:

C-CF-IL



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No.	Item	Parameter	Remark
1	BMS	8S-20A	
2	Charge Voltage	28.8V	
3	Max continuous charge current	20A	
4	Max continuous discharge current	20A	
5	Self-consumption	≤70 μ A	
6	Overcharge detection voltage	3.75±0.025V	
7	Overcharge detection delay time	0.5-1.5S	
8	Overcharge recovery voltage	3.55±0.050V/cell	
9	Over discharge detection voltage	2.20±0.080V	
10	Over discharge delay time	0.5-2.0S	
9	Over discharge recovery voltage	2.60±0.1V/cell	
10	Over discharge detection current	60A±10A	
11	Over discharge detection delay time	500±150ms	
12	Over discharge recovery condition	Disconnect load or Charge activate	
13	Short circuit detection condition	External short circuit 0.1m Ω	
14	Short circuit detection delay time	200-500us	
15	Short circuit response condition	Disconnect load or Charge activate	
16	Balance voltage	3.55±0.025V/cell	
17	Balance current	36±15mah/cell	
18	Internal resistance of BMS during work	≤30m Ω	
19	Temperation Protection-NTC	10KNTC B=3435	
20	Work temperature range	-20 ~ +65°C	
21	Storage temperature range	-20 ~ +125°C	