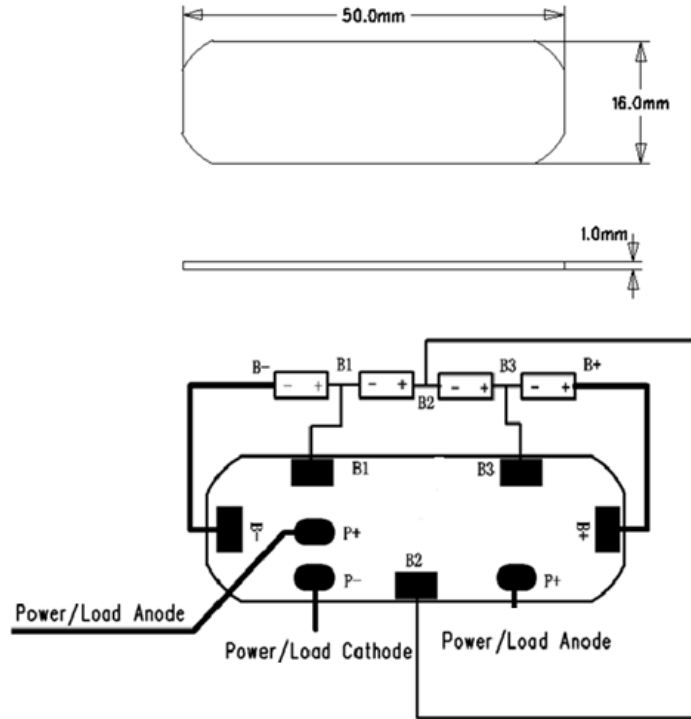


# 4S 12.8V -8A LFP – SEEGATE CORPORATION

1	Voltage	Charging Voltage	DC:14. 6V CC/CV
		Blance Volatage for single cell	/
2	Current	Blance Current for single cell	/
		Current consumption	$\leq 6 \mu A$
		Max continuous charging current	8A
		Max continuous discharging current	24A
3	Over charge Protection	Over charge detection voltage for single cell	$3.90V \pm 0.025V$
		Over charge detection delay time	1-200ms
		Over charge release voltage for single cell	$3.80V \pm 0.05V$
4	Over discharge protection	Over discharge detection voltage for single cell	$2.0 \pm 0.08V$
		Over discharge detection delay time	1-100ms
		Over discharge release voltage for single cell	$32.5 \pm 0.1V$
5	Over current protection	Over current detection voltage for single cell	$0.150 \pm 0.030V$
		Over current detection current	24A
		Release condition	Cut load
		Over current detection delay time	1-20ms
6	Short protection	Detection condition	Exterior short circuit
		Release condition	Cut short circuit
		detection delay time	1-50us
7	Interior resistance	Main loop electrify resistance	$VC=4.2V, R_{DS} \leq 60m \Omega$
8	Temperature	Operating Temperature	$-45^{\circ}C \text{ -- } +85^{\circ}C$
		Storage Temperature	$-45^{\circ}C \text{ -- } +85^{\circ}C$

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## BMS DIAGRAM



symbol	Description	symbol	Description
P+	Connect the positive end of the battery output / charging input	B+	Connect the battery 4 positive
P-	Connect the negative end of the battery output / charging input	B-	Connect the battery 1 negative
B1	The negative pole of the battery cell 2 and the positive electrode connection point of the battery cell 1	B2	The anode of the battery cell 3 and the anode connection point of the battery core 2
B3	The anode of the battery cell 4 and the anode connection point of the battery core 3		

