

1S 2A BMS 3V



No	Tested Item		Criterion
1	Voltage	Charging Voltage	DC:4.2V CC/CV
		Blance Volatage for single cell	/
2	Current	Blance Current for single cell	/
		Current consumption	$\leq 6 \mu A$
		Max continuous charging current	2A
		Max continuous discharging current	2A
3	Over charge Protection	Over charge detection voltage	$4.28 \pm 0.05V$
		Over charge detection delay time	1-200ms
		Over charge release voltage	$4.08 \pm 0.05V$
4	Over discharge protection	Over discharge detection voltage	$2.9 \pm 0.10V$
		Over discharge detection delay time	1-100ms
		Over discharge release voltage	$3.0 \pm 0.10V$
5	Over current protection	Over current detection voltage	$0.15 \pm 0.03V$
		Over current detection current	4A
		Release condition	Cut load
		Overcurrent detection delay time	1-20ms
6	Short protection	Detection condition	Exterior short circuit
		Release condition	Cut short circuit
		Short circuit current detection delay time	1-500us
7	Interior resistance	Main loop electrify resistance	$VC=4.2V, R_{DS} \leq 60m \Omega$
	Current consumption	IDD Current consume in normal operation	$\leq 6 \mu A$
8	Temperature	Operating Temperature	$-45^{\circ}C \text{ -- } +65^{\circ}C$
		Storage Temperature	$-45^{\circ}C \text{ -- } +85^{\circ}C$