

SUNNY BATT

3S-8A

No	Tested Item		Criterion
1	Voltage	Charging Voltage	DC:12.75V 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	8A
3	Over charge Protection	Over charge detection voltage for single cell	$4.25 \pm 0.025V$
		Over charge detection delay time	1-200ms
		Over charge release voltage for single cell	$4.15 \pm 0.05V$
4	Over discharge protection	Over discharge detection voltage for single cell	$2.7 \pm 0.08V$
		Over discharge detection delay time	1-100ms
		Over discharge release voltage for single cell	$3.0 \pm 0.1V$
5	Over current protection	Over current detection voltage for single cell	$0.150 \pm 0.030V$
		Over current detection current	18-20A
		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	$-45^{\circ}C \text{ -- } +125^{\circ}C$

