

Model:LWS-D14 (1S)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:4.2V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption	$\leq 10 \mu A$
		Maximal continuous charging current	2.5A
		Maximal continuous Discharging current	2.5A
3	Over charge Protection	Over charge detection voltage for single cell	4.28±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.08±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.8±0.05V
		Over discharge detection delay time	10mS—150mS
		Over discharge release voltage for single cell	3.0±0.05V
5	Over current protection	Over current detection voltage	0.15±0.015V
		Over current detection current	6±2A
		Detection delay time	5ms—15ms
		Release condition	Cut load, Automatic recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load, Automatic recovery
7	Resistance	Protection circuitry (MOSFET)	$\leq 60m\Omega$
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

With 10K NTC

