

## Model: LWS-10S15A-777 (10S)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:42V±0.05V CC/CV
		Single balanced voltage	4.18±0.05V
2	Current	Balance current for single cell	42±10mA
		Current consumption	≤50uA
		Maximal continuous charging current	15A
		Maximal continuous Discharging current	15A
3	Over charge Protection	Overcharge detection voltage	4.25±0.03V
		Over charge detection delay time	500mS—1500mS
		Over charge release voltage for single cell	4.15±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.7V±0.08V
		Over discharge detection delay time	500mS—1500mS
		Over discharge release voltage for single cell	3.0±0.075V
5	Over current protection	Over current detection voltage	100±25mv
		Discharge Overcurrent detection	50±20A
		Charge Overcurrent detection	25±10A
		Discharge Overcurrent detection delay time	5-20mS
		Charge Overcurrent detection delay time	500-1500mS
		Release condition	Cut load,Auto-Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load,Auto-Recovery
7	Resistance	Protection circuitry (MOSFET)	≤50mΩ
8	Temperature Protection	Charge and discharge high temperature protection temperature	75±5℃
		Charge and discharge high temperature protection temperature recovery	53±15℃
9	Temperature	Operating Temperature Range	-20~+60℃
		Storage Temperature Range	-20~+85℃

