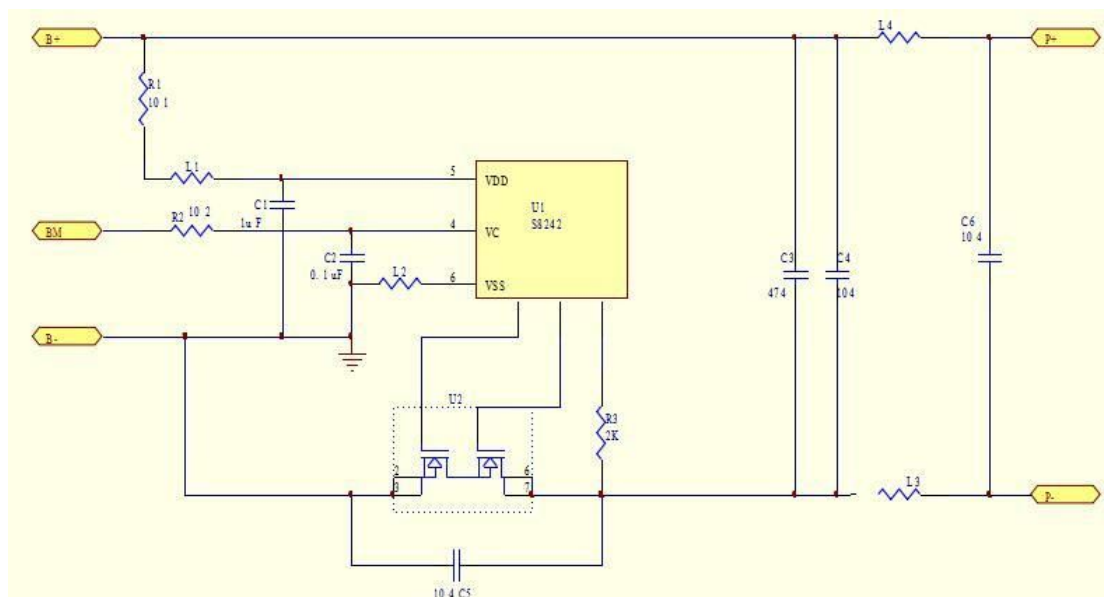


Battery Instruction - (805050X2)

1. Electrical Characteristics

Item		Parameter	Remark
Normal Characteristic	Rated Capacity	5000mAh	Temperature: 25±2°C, Charge: 0.25C /Discharge: 0.25C
	Min Capacity	4960mAh	
	Rating Voltage	3.75V	
Charging Characteristic	Charging Mode	CC/CV	Constant Current/Constant Voltage: Charge: 0.25C, 4.2±0.05V Current ≤0.02C, stop charging (Temperature: 25±2°C, Humidity: 45~75%)
	Charge Voltage	4.2V	±0.05V
	Standard Charging (10~45°C)	1250mA(0.25C)	
	Charging Current (25~45°C)	1250mA(0.25C)	
	Low temperature Charging Current (0°C ~ 10°C)	250mA(0.05C)	Constant Current 0.05C charge to 4.2V, Constant Voltage charge to 0.02C (Stop)
	Overcharge Voltage	4.25±0.05V	
	Charging Time	/	Standard charge: 5.5-6.5h Rapid charge: 1.5-2.5h
Discharge Characteristic	Standard Discharge Current	1250mA	
	Max Discharge Current	2000mA	(-10~60°C)
	End Voltage	3.0±0.05V	
Operating Temperature	Charging	10~45°C	Humidity: 45~75%RH
	Discharging	-10~60°C	
Storage Temperature		-5°C~+35°C Recommend (25±5°C)	Storage capacity should be 40-50% full charge capacity. (The batteries should be charged to 40-60% full charge capacity every 3 months during storage)
Weight		≈83.0g	Without Package
State as delivered	40-60% full charge capacity before leaving the factory.		

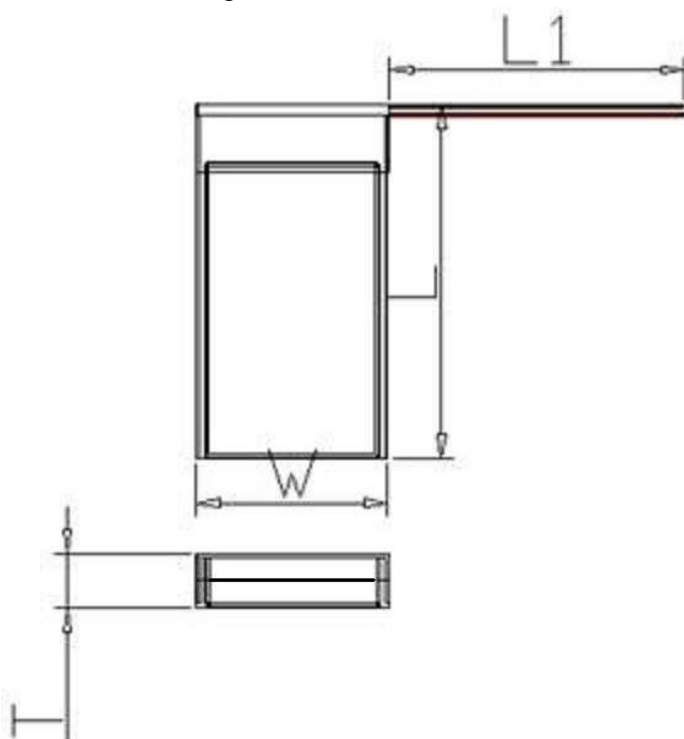
2. Schematic of the PCB



2.1. Components list

NO	Name	Description	Q'N	Vender
1	PCB	/	1	
2	IC	DW01	1	
3	Mosfet	8205	1	

3. Outline Drawing



Item	Description	Dimension
H	Battery pack length	MAX 52.0 mm
W	Battery pack width	MAX 50.0 mm
T	Battery pack thickness	MAX 16.5 mm
L1	Wire length (right: 2P-1.25)	MAX 100.0 mm

3.1. Pack List

NO	Item	Quantity	Material	Specification
1	Cell	2	Li-ion cell	
2	PCB	1	Fiberglass polymer compound circuit board	Pass RoHS
3	Wire	2		UL10071AWG26#
4	Tape	1	High-temperature tape	Tan

Appendix

1. Warnings

To prevent the possibility of the battery from leaking, heating or fire, please observe the following precautions:

1.1 The soft aluminium packing foil is easily damaged by sharp edge parts such as Ni-tabs, pins and needles. Do not strike the battery with any sharp edge parts.

1.2 Do not immerse the battery in water.

1.3 Do not use and leave the battery near a heat source.

1.4 Do not discard the battery in fire or heat it.

1.5 When recharging, use the battery charger specifically for that purpose.

1.6 Do not reverse the positive and negative terminal.

1.7 Do not connect the battery to an electrical outlet.

1.8 Do not bend aluminium tabs.

1.9 Do not short-circuit the battery by directly connecting the positive and negative

terminal with a metal object or a wire.

1.10 Do not transport and store the battery together with metal objects such as necklaces, hairpins etc.

1.11 Do not strike or throw the battery.

1.12 Do not solder the battery directly.

2. Cautions

2.1 Do not use or leave the battery at high temperature (for example, at strong direct sunlight or a vehicle in extremely hot conditions). Otherwise, it can overheat or fire or its performance will be degenerate, and its service life will be decreased.

2.2 Do not use it in a location where static electricity is great, otherwise, the safety devices may be damaged, causing hidden trouble of safety.

2.3 If the battery has a leak. In case of contact with eyes, do not rub. Rinse them out immediately with plenty of water and seek medical attention. Otherwise, it can cause eye injury.

2.4 If the battery gives off an odour, generates heat, becomes discoloured or deformed, or in any way appear abnormal during use, recharging or storage, immediately remove it from the device or battery charge and stop using it.

3. Shipment

The battery should be packed in cartons under the condition of half capacity (40-50%) for shipment. The violent vibration, impaction or squeezing should be avoided in the transport process, neither to be exposed in the sunlight nor rain.

4. Storage

The battery storage should be in the clean and dry ventilation room at the temperature of -5-35°C and the humidity of 45-75%RH and should keep out of the heat and avoid touching corrosion elements. The batteries should be charged every 3 months during storage. Both the stored cells in the process of the battery and the batteries in delivery should be "first come, first use". The battery storage period is 12 months when into the warehouse.