

# SWIT®

## Rechargeable Li-ion Battery Pack

### S-8152A/S

Ver: A

# USER MANUAL

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Congratulations on your purchase of this product. Please read this user manual carefully.

### Characteristics

1. High performance Li-ion battery pack, rechargeable.
2. Large capacity with separable design, not restricted by IATA
3. 4-step LED power indicator.
4. D-tap DC output and charging socket.
5. Build-in multiple protective circuits.

### Caution

1. The battery pack can not be used or charged until the Part A and Part B with the same Serial Number is assembled
2. The battery pack should be disassembled and packed individually before taking as carry-on luggage in order to meet the regulations of IATA.
3. The battery pack is not fully charged when it is purchased. Charge the battery before use.
4. Use SWIT charger or the chargers recommended by SWIT.
5. Never attempt to open the battery pack.
6. Keep the battery pack terminals clean.
7. Never short-circuit the battery pack terminals.
8. Never expose the battery pack to rain, fire or moisture.
9. Never expose the battery pack to temperature above 60°C.
10. Avoid strong mechanical shock.
11. The battery pack may become warm in use or while being charged. This is normal.
12. Fully charged battery pack will discharge naturally and please use it as soon as it gets charged.
13. At low temperature, the running time of battery pack usually decreases.
14. The internal impedance of battery pack will be greater at low temperature, which may cause the automatically circuit cutting.

### LED indicator

1. The four-step LEDs indicate the remaining capacity when press the "CHECK" button.
2. The indicator may not be accurate when the battery is powering on the camera.
3. When only one LED indicates, please charge the battery as soon as possible.

### DC socket

The D-tap DC socket can be used as 14.4V DC output or SWIT S-3010B charging input.

1. Open the rubber cover and plug in D-tap lead to DC output or charge. (Mind the polarity of the D-tap plug)
2. Close the rubber cover when disconnected, to keep the socket away from dust.

### Charging

1. The battery pack is not fully charged when it is purchased. Charge the battery before use.
2. Use SWIT charger or the chargers recommended by SWIT.
3. Do not use the D-tap socket while charging
4. The battery can be charged at a temperature range of 0~40°C, but it is suggested to charge at a temperature range of 10°C ~30°C for the best performance of the battery.

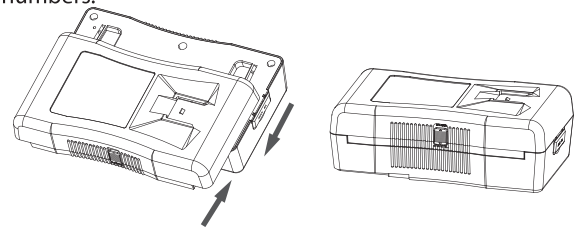
### Discharging

1. Fully charged battery pack will discharge naturally and please use it as soon as it gets charged.
2. The battery can discharge at a temperature range of -20°C ~50°C, but it is suggested to discharge at a temperature range of -10~40°C for the best performance of the battery.
3. At low temperature, the running time of battery pack usually decreases.
4. The internal impedance of battery pack will be greater at low temperature, which may cause the automatically circuit cutting.
5. The battery pack will cut off power automatically when overload or any abnormal detected. Please take off the battery from equipment, lay it for a while and charge on any of SWIT chargers, and it will be re-activated and get charging normally.

### Assembly and Disassembly

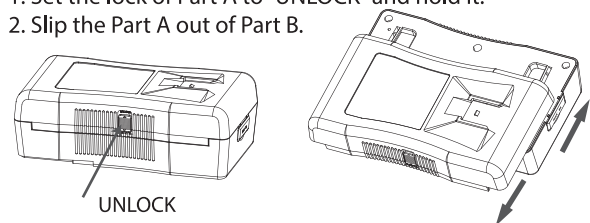
Assembly: (When using)

Slip the Part A into Part B that with the same SN. It will be automatically locked and beep twice to confirm the match. Otherwise it will beep constantly, and please check the serial numbers.



Disassembly: (When air transportation)

1. Set the lock of Part A to "UNLOCK" and hold it.
2. Slip the Part A out of Part B.



### Storage

Please disassemble the battery and keep the 2 parts separately in cool, dry and clean place.

### Specifications

Model	S-8152A	S-8152S
Mount type	Gold mount	V-mount
Nominal voltage	14.4V	
Capacity	146Wh, 10.2Ah	
Max output	100W, 8A	
Dimension	168x93x65mm	168x93x60mm
Charging temperature	0~40°C (10~30°C recommended)	
Discharging temperature	-20°C~50°C (-10~40°C recommended)	
Mass	1.05kg	