

# SWIT®

## Rechargeable Li-ion Battery Pack S-8172A/S, S-8192A/S

Ver: V1.0.0V00

# USER MANUAL

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### Characteristics

1. High performance Li-ion battery pack, rechargeable.
2. Large capacity with separable design, not restricted by IATA air transportation regulations.
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 is disassembled in package. Please assemble the part A and part B first, and make sure the serial numbers of the 2 parts are the same.
2. The battery pack should be disassembled and packed individually before boarding to airplane. (Each part has under 100Wh capacity and will not be restricted by IATA regulations.)
3. The battery pack can not be used or charged until the part A and part B are assembled.
4. Please mind the polarity of the D-tap socket when using DC output.
5. Do not expose the battery pack to rain or moisture environment.
6. Do not expose the battery pack to temperature above 60°C.
7. Keep the battery pack terminals clean.
8. The battery pack may become warm in use or while being charged. This is normal.

### IMPORTANT SAFETY INSTRUCTIONS

- ⚠ Never short-circuit the battery pack terminals.
- ⚠ Never attempt to open the battery pack.
- ⚠ Keep the battery pack away from fire.
- ⚠ Avoid strong mechanical shock.

### 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 pack should be charged within a temperature range of 0-40°C.

### Discharging

1. Fully charged battery pack will discharge naturally and please use it as soon as it gets charged.
2. At low temperature, the running time of battery pack usually decreases.
3. The internal impedance of battery pack will be greater at low temperature, which may cause the automatically circuit cutting.
4. 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.

### 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

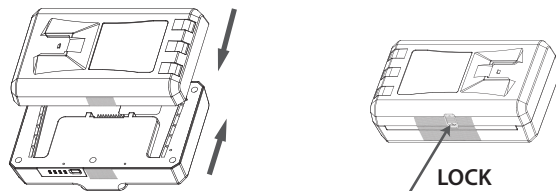
The D-tap DC socket can be used as 14.4V DC output or SWIT S-3010B charging input.

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.

### Assembly and Disassembly

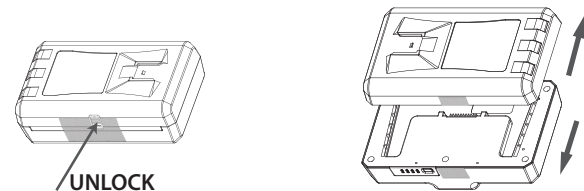
Assembly: (When using)

1. Set the switcher of Part A to "UNLOCK".
2. Slip the Part A into Part B that with the same SN. It will beep twice to confirm the match. If the battery beeps constantly when assembled, please check the serial numbers of part A and B.
3. Set the switcher of Part A to "LOCK" and finish.



Disassembly: (When air transportation)

1. Set the lock of Part A to "UNLOCK".
2. Slip the Part A out of Part B.
3. Keep the 2 parts separately during air transportation.



### Storage

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

### Specifications

Model	Mount type	Nominal voltage	Capacity		Max output		Dimension	Mass
S-8172A	Gold mount	14.4V	158Wh	11.1Ah	100W	8A	168×101×65mm	1.25Kg
S-8172S	V-mount	14.4V	158Wh	11.1Ah	100W	8A	168×101×60mm	1.25Kg
S-8192A	Gold mount	14.4V	184Wh	12.8Ah	100W	8A	168×101×65mm	1.27Kg
S-8192S	V-mount	14.4V	184Wh	12.8Ah	100W	8A	168×101×60mm	1.27Kg