

# SWIT®

## Rechargeable Li-ion Battery Pack

Ver:A

# USER MANUAL

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### Features

1. High performance Li-ion battery pack, rechargeable.
2. 4-step LED power indicator.
3. Build-in multiple protective circuit design.
4. D-tap DC output, to power the camera and other equipment simultaneously.
5. S-8180A/S support 6A fast charging, by SWIT S-3812A/S fast charger.

### Caution

1. Keep the battery pack terminals clean.
2. The battery pack may become warm in use or while being charged. This is normal.
3. Never expose the battery pack to rain, fire or moisture.
4. Never expose the battery pack to temperature above 60°C.
5. Please pay attention to the polarity of the D-tap DC output
6. Please check the max current of the battery plate of the equipment to avoid damage to battery plate or battery.

#### IMPORTANT SAFETY INSTRUCTIONS

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

### Charging and Discharging

#### Charging:

1. It is suggested that fully charge the battery before use.
2. Please use SWIT charger to charge.
3. 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 will automatically cut off power to protect itself when voltage, current or temperature is abnormal. Please take off the battery, and follow the down blow steps to reactivate the battery:
  - (1) Under indoor temperature, lay the battery pack aside for 3-5 minutes and mount the battery pack to any SWIT charger, it will be re-activated and get charging normally.
  - (2) If the environment temperature is high, please lay the battery pack aside for 20-30 minutes and then charge the battery by SWIT chargers to active.

### Storage

Store the battery pack in cool, dry and clean place.

### Specification

Model	Mount Type	Nominal Voltage	Capacity		Max output		Dimension	Mass
S-8082A	Gold Mount	14.4V	95Wh	6.6Ah	70W	6A	134×88×54mm	710g
S-8082S	V-Mount	14.4V	95Wh	6.6Ah	70W	6A	134×88×52mm	710g
S-8110A	Gold Mount	14.4V	146Wh	10.2Ah	100W	8A	165×90×53mm	940g
S-8110S	V-Mount	14.4V	146Wh	10.2Ah	100W	8A	165×90×51mm	940g
S-8180A	Gold Mount	14.4V	220Wh	15.3Ah	140W	12A	165×90×68mm	1280g
S-8180S	V-Mount	14.4V	220Wh	15.3Ah	140W	12A	165×90×66mm	1280g
S-8073N	NP-1	14.4V	73Wh	5.1Ah	66W	5.5A	185×72×25mm	450g