

SWIT®

Rechargeable Li-ion Battery Pack

Ver:A

USER MANUAL

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Features

1. High performance rechargeable Li-ion battery, no memory effect. Light weight, large capacity.
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. High load output, prolong service time.
6. S-8113A/S and S-8183A/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-8083A	Gold Mount	14.4V	130Wh	9.2Ah	100W	8A	134×88×54mm	770g
S-8083S	V-Mount	14.4V	130Wh	9.2Ah	100W	8A	134×88×52mm	770g
S-8113A	Gold Mount	14.4V	160Wh	11.1Ah	150W	12A	165×90×53mm	980g
S-8113S	V-Mount	14.4V	160Wh	11.1Ah	150W	12A	165×90×51mm	980g
S-8183A	Gold Mount	14.4V	240Wh	16.7Ah	180W	15A	165×90×68mm	1370g
S-8183S	V-Mount	14.4V	240Wh	16.7Ah	180W	15A	165×90×66mm	1370g