

# SWIT®

## Rechargeable Li-ion Battery Pack

Ver:A

# USER MANUAL

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

### Warning

Keep in mind the following precautions to avoid fire and other safety hazards!

- Do not use battery in fire or hot places to prevent overheating, cracking and other hazards.
- Please do not pierce the battery shell or try to open the shell and decompose the battery.
- Do not use battery beyond charge, discharge and storage environment temperature.
- Do not charge the battery in the car or in direct sunlight.
- Do not use damaged battery.
- Do not squeeze the battery shell which may cause physical damage.
- Make sure the power-consuming equipment(s) meet the battery specifications.
- Use SWIT charger or SWIT recommended charger to charge the battery to avoid overheating or beak.
- Keep out of the reach of children.

### Caution

- Fully charged battery will discharge naturally and please use it as soon as it gets charged.
- The battery may become warm in use or while being charged. This is normal.
- Never expose the battery to temperature above 60°C.
- Keep the battery terminals clean and never short-circuit the battery terminals.
- When stored for a long time, please keep the battery power between 50% and 90%, please do not save it for a long time after it has run out of power.

### Features

- High performance rechargeable lithium ion battery, no memory effect.
- 4-step LED power indicator.
- Build-in multiple protective circuit design.
- D-tap DC output, to power the camera and other equipment simultaneously.

### Charging

- The battery pack should be charged within a temperature range of 0-40°C, but it is suggested charge the battery within 10-30°C for better performance.

### Discharging

- At low temperature, the battery internal resistance will increase, which may lead to automatically cut off if the load is heavy.
- 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.
- The battery will automatically cut off power to protect itself when current or temperature is abnormal. Please remove the battery, and it will restore after 60 seconds' standing. If the battery overheats, place it in a cool place and the battery will automatically recover after cooling.
- If the voltage is too high because of the charger or other equipments, please discharge the battery to decrease the voltage then it will be restored automatically.

### Specification

Model	Mount Type	Nominal Voltage	Capacity		Max output		Dimension	Mass	Max charging current
S-8082A	Gold mount	14.4V	95Wh	6.6Ah	150W	12A	134×88×54mm	710g	4A
S-8082S	V-mount	14.4V	95Wh	6.6Ah	150W	12A	134×88×52mm	710g	4A
S-8110A	Gold mount	14.4V	146Wh	10.2Ah	150W	12A	165×90×53mm	940g	5A
S-8110S	V-mount	14.4V	146Wh	10.2Ah	150W	12A	165×90×51mm	940g	5A
S-8180A	Gold mount	14.4V	220Wh	15.3Ah	200W	16A	165×90×68mm	1280g	7A
S-8180S	V-mount	14.4V	220Wh	15.3Ah	200W	16A	165×90×66mm	1280g	7A
S-8073N	NP-1	14.4V	73Wh	5.1Ah	66W	5.5A	185×72×25mm	450g	3A
S-8083A	Gold mount	14.4V	130Wh	9.2Ah	200W	16A	134×88×54mm	770g	4A
S-8083S	V-mount	14.4V	130Wh	9.2Ah	200W	16A	134×88×52mm	770g	4A
S-8113A	Gold mount	14.4V	160Wh	11.1Ah	200W	16A	165×90×53mm	980g	7A
S-8113S	V-mount	14.4V	160Wh	11.1Ah	200W	16A	165×90×51mm	980g	7A
S-8183A	Gold mount	14.4V	240Wh	16.7Ah	250W	20A	165×90×68mm	1370g	7A
S-8183S	V-mount	14.4V	240Wh	16.7Ah	250W	20A	165×90×66mm	1370g	7A