



## Rechargeable Li-ion Battery Pack

Ver:c

# 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	S-8082A	S-8082S	S-8083A	S-8083S	S-8110A	S-8110S
Mount	Gold mount	V mount	Gold mount	V mount	Gold mount	V mount
Nominal Voltage	14.4V	14.4V	14.4V	14.4V	14.4V	14.4V
Capacity	95Wh,6.6Ah		130Wh,9.2Ah		146Wh,10.2Ah	
Max output	Electrodes	150W,12A		200W,16A		150W,12A
	D-TAP	120W,10A		120W,10A		120W,10A
	In total	150W		200W		150W
Dimension	134×88×54 mm	134×88×52 mm	134×88×54 mm	134×88×52 mm	165×90×53 mm	165×90×51 mm
Mass	0.71kg	0.71kg	0.77kg	0.77kg	0.94kg	0.94kg
Max charging current	4A		4A		5A	
Charging temperature	0~40°C (10~30°C recommended)					
Discharging temperature	-20°C~50°C (-10~40°C recommended)					

Model		S-8113A	S-8113S	S-8180A	S-8180S	S-8183A+	S-8183S+	S-8073N
Mount		Gold mount	V mount	Gold mount	V mount	Gold mount	V mount	NP-1
Nominal Voltage		14.4V	14.4V	14.4V	14.4V	14.4V	14.4V	14.4V
Capacity		160Wh,11.1Ah		220Wh,15.3Ah		270Wh,18.75Ah		73Wh,5.1Ah
Max output	Electrodes	200W,16A		200W,16A		250W,20A		66W,5.5A
	D-TAP	120W,10A		120W,10A		120W,10A		66W,5.5A
	In total	200W		200W		250W		66W
Dimension		165×90×53 mm	165×90×51 mm	165×90×68 mm	165×90×66 mm	165×90×68 mm	165×90×66 mm	185×72×25 mm
Mass		0.98kg	0.98kg	1.28kg	1.28kg	1.37kg	1.37kg	0.45kg
Max charging current		7A		7A		7A		3A
Charging temperature		0~40°C (10~30°C recommended)						
Discharging temperature		-20°C~50°C (-10~40°C recommended)						