

**SWIT®****Rechargeable Li-ion Battery**

Ver:B

# USER MANUAL

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

## Characteristics

1. High performance Li-ion battery pack, rechargeable.
2. Battery digital information readable by cameras.
3. 4-step LED power indicator.
4. Digital battery watch connector.
5. Build-in multiple protective circuit design.

## Caution

1. Never attempt to open the battery pack.
2. Use SWIT charger or the chargers recommended by SWIT.
3. Keep the battery pack terminals clean.
4. Never short-circuit the battery pack terminals.
5. Never expose the battery pack to rain, fire or moisture.
6. Never expose the battery pack to temperature above 60°C.
7. Avoid strong mechanical shock.
8. The battery pack may become warm in use or while being charged. This is normal.

## Digital info

The battery pack adopts intelligent digital chip that the battery digital information can be read by cameras, and display remaining power percentage or remaining running time on camera viewfinder.

## Battery watch connector

The digital battery pack has a battery watch connection port on the top side.

By connecting with SWIT digital battery watch D-4200, it will display battery status, remaining capacity, remaining working time, real-time power, voltage, current, and alert when battery low. (The D-4200 battery watch is optional purchased)

## Storage

Please keep in cool, dry and clean place.

## Specifications

Model		D-8150A	D-8150S
Battery plate		Gold mount	V mount
Nominal voltage		14.4V	14.4V
Capacity		150Wh,10.4Ah	150Wh,10.4Ah
Max output	Electrodes	100W,8A	100W,8A
	D-TAP	100W,8A	100W,8A
	In total	100W	100W
Dimension		168×98×54mm	168×98×52mm
Net weight		0.9kg	0.9kg
Charging temperature		0 ~ 40°C (10 ~ 30°C recommended)	
Discharging temperature		-20°C ~ 50°C (-10 ~ 40°C recommended)	

## 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. The battery can be charged at a temperature range of 0~40°C, but it is suggested to charge at a temperature range of 10°C~30°C for the best performance of the battery.

## 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 can discharge at a temperature range of -20°C~50°C, but it is suggested to discharge at a temperature range of -10°C~40°C for the best performance of the battery.

## 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.

## Self-protection and Re-activate

The battery pack has multiple protective circuits and will cut off power automatically when overload or any abnormal detected. Mount the battery pack to any SWIT charger, it will be re-activated and get charging normally.