

## Adopte high quality Lithium cells

For more than 15 years, SWIT has been the leading brand of broadcast camera batteries. The first reason is the high quality Lithium cells adopted. The high quality cells are featured with long life, durability, safety, and most of all, the cells have very little difference to each other, which ensures the high performance of the whole battery pack. Moreover, the cells we're using have a smooth discharging curve by voltage, so that you can judge the remaining running time accordingly. Also when in storage, the self-discharging rate is very little, which extends the battery life effectively.



- Side circuit board, pressure free
- Thicker and wider nickel slice
- Cells of triangular structure, stable and anti-shock
- Protective cell holder

## High craft level

Inside the battery pack, we use the thicker and wider nickel slice to solder the cells, minimize the voltage drop, dissipate heating, and enhance the assembly intensity. The cells are arranged as triangular structure in the battery pack, stable and anti-shock. The cell holder in the brick batteries can protect the cells pack, and separate the circuit board from the cells, to keep the circuit board away from internal pressure and ensure a stable working environment.

## Multiple safety protection design

All SWIT batteries have a MCU to measure and record running data, and will cut off power when over-voltage, under-voltage, over-current, over-charging, over-discharging, high-temperature or low-temperature is detected.

Meanwhile, the high-impact ABS housing (High-impact, injection-moulded polycarbonate, or medium impact ABS cases) is on the battery pack, with waist design and non-slip tread for secure handling.

## Strict Quality Control

All battery cells are strictly screened. Only when the voltage difference is less than 0.03V, the cells are allowed to be assembled into one battery pack, which will increase the internal compatibility and prolong the battery life.

In addition, we take tests for all raw materials and producing tools to ensure all SWIT products. compliance with the RoHS regulations.

## Cell balance adjustment

After the batteries are used for a period of time, the cells voltage might get different, and our specially designed circuit can optimize the imbalanced cells, to prolong the battery life.

## Multi-camera compatibility

SWIT batteries cover a wide range of cameras. We supply V-mount, Gold mount, NP-1 style and various DV camcorder batteries. You can always find the battery you need from SWIT.



14.4V D-tap DC output socket



7.2V Pole DC output socket

## DC output functions

Most of SWIT batteries provide DC output socket, for powering other on-camera equipments powered simultaneously. The brick batteries have 14.4V D-tap connections, and DV camcorder batteries have 7.2V pole connections. The DC output socket is protected by a rubber cover, to protect the pins away from dust or liquid.



Power indicator on brick battery



Power indicator on DV battery

## LED power indicators

SWIT batteries provide the 4-level LED power indicators on both brick batteries and DV batteries, to give a remaining power idea to users before attached to the cameras.

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