

# User Manual

## B-mount Battery

Thanks for choosing Fxlion products!

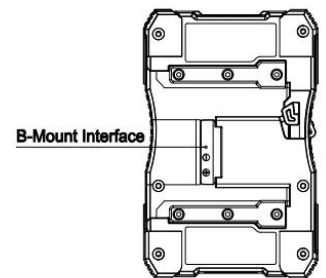
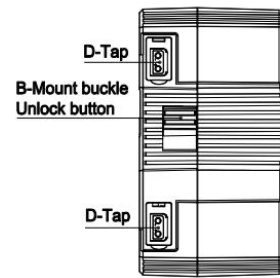
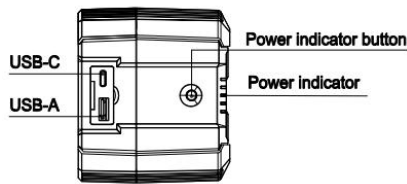
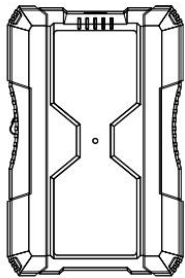
Please read this user manual before use to enable you could properly use, storage and maintenance of the products.



**Packing List:** 1.Battery BM-HV300 \*1/BM-HV200 \*1 2.User Manual \*1

**BM-HV300 BM-HV200**

## I Product Appearance



## II Battery Basic Features

- The ultra volume energy ratio design, use high power cells, rechargeable Li-ion battery, no memory effect.
- Intelligent SMBus design, battery capacity, voltage, working current, running time, and cycles could be read by camera.
- Intelligent control protection: over-heat, over-charge, over-discharge, and over-current protection.
- Be equipped with two D-tap outputs.
- USB-C PD fast charge protocols.
- D-Tap, USB-A, USB-C automatically detect load, when there is no load, battery turn to low-power mode; when there is load, battery start working. This design effectively reduce the static power consumption of battery and expand battery life-span.

- Internal modular design is simple, stable and reliable.
- Battery cover is made by special material, which can protect battery from drop off in daily outdoor shooting use.
- 5-level LED power indicators.

## III Battery specification

BM-HV300	
Capacity	28.8V 10.2Ah 293Wh
Battery Output	21.6V~33.6V/250W(Max)
D-tap*2 Output	16V/4A 64W(Max), DC16V(constant)
USB-A Output	5V/2A
USB-C Input/Output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A
Discharge Temperature	-20°C~+55°C
Charge Temperature	0~+45°C
Dimension	154(L)mm×100(W)mm×87(T)mm
Weight	1650g

BM-HV200	
Capacity	28.8V 6.7Ah 196Wh
Battery Output	21.6V~33.6V/250W(Max)
E-Tap*2 Output	16V/4A 64W(Max), DC16V(constant)
USB-A Output	5V/2A
USB-C Input/Output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A
Discharge Temperature	-20°C~+55°C
Charge Temperature	0~+45°C
Dimension	154(L)mm×100(W)mm×68(H)mm
Weight	1225g

## IV Instructions

### 1.Discharge

- D-tap output is 16V constant, 2 D-tap outputs can output at same time, total power is 64W.
- When USB-A output, USB-C output and D-tap outputs are over-load, power will be switched off, and recover when load is removed.

### 2.Charge

- Please use Fxlion B-mount charger to charge this battery.
- Please use 60W and above USB-C PD charger to charge this battery.
- D-tap is output only, cannot charge the battery through D-tap.

## VI Storage and Transportation

- Battery should be charged to 50% power status when need long term storage, charge and discharge once every three months.
- Place in a dry and cool places, avoid touching corrosive substances and keep away from fire.
- Storage temperature: -20°C~+25°C (12 months), -20°C~+45°C (3 months), -20°C~+60°C (1 month). Storage humidity: ≤75% RH.
- Batteries should be packed into boxes for transport which should prevent severe vibration, shock or extrusion, sun exposed and rain. transportation could be used cars, trains ,boats and airplane.

## VIII The warranty will not cover the following cases.

- Non Fxlion products, or out of warranty period.
- Non Fxlion tieline and power supply connection caused failure.
- Damage to device because of incorrect battery voltage selection.
- Battery unable to charge or full charged because of long term use of non Fxlion charger or charger Fxlion doesn't recommend.
- The phenomenon of a natural decrease in battery capacity caused by multiple charging and discharging cycles after a period of use.

### Product Production Information

Model		Production Date	
Serial Number			

Strict quality control procedures were done to every Fxlion product before it leaves the factory.

Please contact local Fxlion distributor or call our service center

at +86 10 8879 8684 for assistance.

## V Caution

- Must accordance with instructions to use and store.
- Please charge by Fxlion charger or Fxlion recommended charger.
- Do not put battery into water or fire.
- Avoid strong impact.
- Do not heated or disassemble.
- Avoid short-circuit.
- Keep away from children.
- Battery should be charged to 50% power status when need long time storage, charge and discharge once every three months.

## VII Maintenance and After-sales Service

- Battery warranty period is one year. Battery shell, rubber cap and V-lock part are easily-worn parts which warranty period is 3 months.
- Warranty period: start from the date of purchase with the record on warranty card and purchase/sales invoice.
- Disassemble or repair by non-professionals, or failure by dropping.
- Damage caused by man-made improper use.
- Battery capacity decrease because not accordance with instruction to use and store, make sure to charge and discharge once every three months, and keep battery capacity 50% for store.
- Force majeure: Do not work or parts damage caused by earthquake, fires and other natural disasters or accidents.

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