



BP-7S500

User Manual

High Power Waterproof Battery

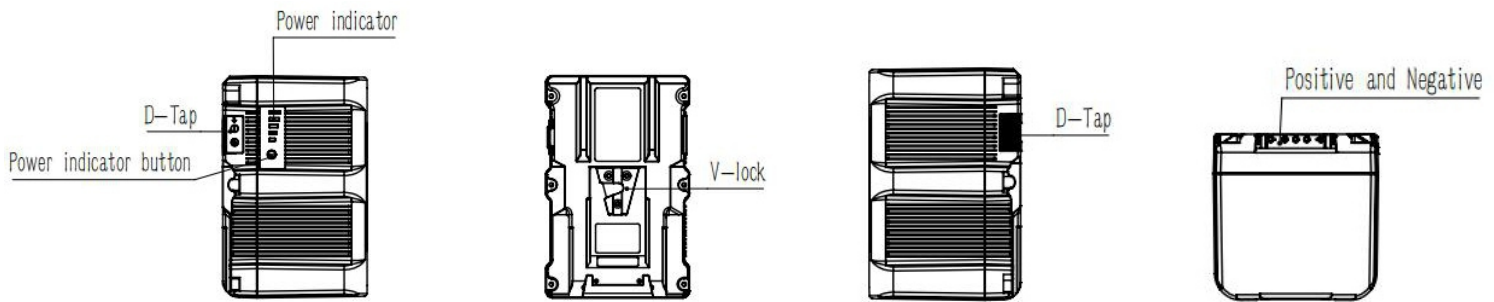
Thanks for choosing Fxlion products!

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



Packing List: 1. Battery BP-7S500*1 2. User Manual *1

I Product Appearance



II Battery Basic Features

- Use high rate Li-ion battery cells, it can discharge at a high rate up to 20A, and compatible with 500W high-power equipment.
- High power intelligent protection chip is applied, and the battery has overcharge, over discharge, temperature and over-current protection. With overload self recovery design.
- Compact structural design, integrated shell and output terminal design, ultra-high volume energy density ratio, truly achieving the ultimate high capacity of Li-ion battery within a small volume.
- Ip54 waterproof grade, perfectly compatible with the demand of LED lights, cameras, and other film and television equipment with waterproof requirements.

- The waterproof design and 20A high-power discharge meet the demand for high-power LED lights in the market, especially for LED lights above 500W which can use portable 26V V-mount battery directly.
- 2*D-Tap design, 26V output voltage same as battery, each with an output power of up to 10A. High Power output can synchronous power external equipment or high power external equipment while outputting battery.
- The shell is made of special materials, which is shockproof can meet requirements of daily outdoor Li-ion battery use.
- 5-Level LED indicators.
- Optional charger: suitable for 29.4V chargers, it is recommended to use a FXLION charger with a charging power of 29.4V/4A or above.

III Specification

BP-7S500	
Capacity	25.2V 19.4Ah 489Wh
Full Power Voltage	29.4V
Battery Output	25.2V/20A/500W (Max)
D-tap*2 Output	25.2V/10.0A (Max)
Discharge Temperature	-20~55°C
Charge Temperature	0~45°C
Dimension	161.7mm(L)×104.7mm(W)×105.5mm(H)
Weight	2506g
Waterproof Grade	IP54

IV Cautions !

- 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.
- Waterproof grade IP54, able to work just in small rain.
- Waterproof grade is tested in laboratory.
- 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.

V 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 use cars, trains ,boats and airplane.

VII 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.

VI 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.

Fxlion Electronic Co., Ltd.

WEB: www.fxlion.net

Email: info@fxlion.net