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Link do produktu: https://www.nobshop.pl/akumulatory-lihv-2s-680mah-95c-betafpv-lava-ii-2-szt-p-5213.html



Akumulatory LiHV 2S 680mAh 95C BetaFPV Lava II 2 szt.

Cena brutto	**119,99 zł**
Cena netto	**97,55 zł**
Dostępność	**Dostępny**
Czas wysyłki	**1 - 3 dni**
Kod EAN	**795986631439**
Producent	**BetaFPV**

Opis produktu

Experience a generational leap in power and performance with the LAVA II 2S Battery. This next generation leverages an advanced core material upgrade to unlock 5.5%-7.7% more capacity and a remarkable 95C discharge rate, generating a massive 33.6% current boost for incredibly responsive and consistent power. The legacy of the Z-folding process ensures superior energy density and long-term reliability. Choose the new 680mAh version for extended flight time, ideal for the Pavo Series and beyond.

Bullet Points

- Unmatched Power & Endurance: Experience a 33.6% current boost and longer flight times, driven by a 26.7% increase in discharge rate (95C) and 5.5%-7.7% more capacity within the same compact form factor.
- Superior Z-Folding Technology: Leveraging our proprietary Z-Folding process, the LAVA II achieves a 5% higher energy density and significantly extended cycle life, delivering greater burst power and long-term reliability over conventional wound cells.
- Iconic New Design: Instantly recognizable by its all-new, vibrant livery of green and yellow, signaling the advanced performance within.

Specifications

- Items: LAVA II 2S Battery
- Capacity: 680mAh
- Battery Type: LiHV
- Voltage: 7.6V
- C-rate: 95C
- Charge Plug: JST-XH2.54 Plug
- Connector: XT30 with 18AWG silicone wire
- Weight: 29.2g (580mAh), 33.5g (680mAh)

Dimensions

LAVA II 2S 680mAh Battery:

LAVA 2S Battery vs. LAVA II 2S Battery

Through a core material upgrade, LAVA II 2S Battery unlocks a formidable 95C discharge rate—a 26.7% increase over the previous 75C—delivering a massive boost in available power. This translates into a 0.1V higher and significantly more stable discharge voltage, providing unwavering consistency for peak performance.

Discharge curve of LAVA II 2S 680mAh Battery:

The new 680mAh version delivers more capacity and longer flight time for whoop drones, making it ideal for the Pavo Series. (*Flight times shown below are based on hover tests from full charge to 3.4V. Real-world results may vary based on conditions and flying style.*)

	Pavo Femto	Pavo Pico II
LAVA II 2S 580mAh	6:40	7:40
LAVA II 2S 680mAh	7:40	9:00

Z-Folding Process

The Z-Folding process delivers a superior performance advantage, leveraging its low internal resistance to enable efficient high-current discharge and a 0.2V higher voltage under load compared to wound cells, ensuring consistent and robust power. This architecture also achieves a 5% higher energy density within the same volume and a significantly extended cycle life. Furthermore, it provides unparalleled design freedom, allowing for precise customization of the battery's size and shape to meet specific application requirements, offering broader versatility than traditional winding methods.

Warning

- Please fully charge the new battery before use.
- Only use a charger designed for lithium polymer/Li-ion battery, and never leave the battery unattended during the charging process.
- Always keep the battery away from flammable and explosive materials while charging.
- Never overcharge the battery. The maximum voltage for a LiPo battery is 4.2V per cell, and for a LiHV battery is 4.35V per cell.
- Never discharge the battery to a level below 3V per cell under load.
- Do not store fully charged batteries for more than 3 days. For long-term storage, maintain the voltage between 3.8V and 3.9V.
- Do not disassemble, crush, short circuit, or expose to flame or other sources of ignition.
- Do not use batteries that are deformed or swollen.

Recommended Parts

- Quadcopter: Pavo Pico II, Pavo Femto
- Charger: 2S Battery Charger and Voltage Tester

Package

- 2 * LAVA II 2S 580mAh / 680mAh 95C Battery (580mAh package shown below for reference)