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Link do produktu: https://www.nobshop.pl/stack-t-motor-velox-f7-se-v70a-se-8s-p-5157.html



Stack T-Motor VELOX F7 SE + V70A SE 8S

Cena brutto	**354,99 zł**
Cena netto	**288,61 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**AHV05030006**
Producent	**T-Motor**

Opis produktu

Stack T-Motor VELOX F7 SE + V70A SE 8S

The **T-HOBBY Velox V70A F7 SE 8S FPV Stack** is a high-performance power and control solution designed for demanding FPV pilots who require reliability, clean power delivery, and future-ready 8S support.

Built around a **70A continuous 4-in-1 ESC** and a **powerful F7 flight controller**, this stack is optimized for freestyle, cinematic, and high-power FPV builds. The upgraded **8S voltage input** provides greater electrical headroom, helping maintain stable performance under aggressive throttle and heavy load conditions.

An **optimized multi-layer PCB design** significantly improves current-carrying capability while reducing heat and electrical stress. Combined with a **third-generation BEC**, the stack delivers cleaner power to sensitive components, resulting in reduced gyro noise and more consistent flight performance.

The Velox stack features a **full plug-in design following Betaflight standards**, allowing for fast, clean, and reliable installation between the FC and ESC. With **built-in Bluetooth and onboard Blackbox**, pilots can easily tune, configure, and analyze flight data without additional hardware.

Designed with durability, safety, and performance in mind, the Velox V70A F7 SE 8S FPV Stack is an ideal choice for pilots upgrading from 6S systems or building next-generation high-power FPV drones

Performance Reference

- **Recommended Takeoff Weight:** ≤ 9 kg
- **Maximum Takeoff Weight:** 15 kg

Test Data (Reference Only)

1. **8S 5500mAh LiPo (≈1.3kg)**
    - Payload: 2 kg
    - Takeoff Weight: 5.9 kg
    - Flight Time: ~10 minutes
2. **8S 5500mAh LiPo (≈1.3kg)**
    - Payload: 4 kg

- Takeoff Weight: 7.9 kg
- Flight Time: ~6 minutes

ESC Configuration Recommendation

For optimal efficiency and stable flight performance:

- Startup Power: **30%**
- Timing: **AUTO**
- PWM Frequency: **16k–By RPM**

Improper ESC settings may result in desync or reduced efficiency.

Recommended For

- FPV Freestyle Pilots
- Cinematic & Cinewhoop Builds
- High-Power 6S / 8S FPV Drones
- Long-Range FPV Platforms
- Pilots upgrading from 6S to 8S systems

Technical Specifications

Flight Controller – Velox F7 SE 8S

- MCU: **STM32F722**
- Gyroscope: **ICM-42688P**
- Firmware: **Betaflight**
- OSD: **AT7456E (HD Supported)**
- BEC Output: **5V / 3A & 12V / 3A**
- UARTs: **5**
- Wireless Connectivity: **Bluetooth**
- Input Voltage: **4–8S LiPo**
- Mounting Pattern: **30.5 × 30.5 mm (M4)**
- Dimensions: **38 × 38 × 7 mm**
- Weight: **8 g**

ESC – Velox V70A SE 8S (4-in-1)

- Continuous Current: **70A**
- Peak Current: **75A**
- Input Voltage: **4–8S LiPo**

- ESC Firmware: **AM32**
- ESC MCU: **AT32F421**
- Power Layer Design: **Optimized Multi-Layer PCB**
- Blackbox Memory: **128MB**
- USB Interface: **USB Type-C**
- Mounting Pattern: **30.5 × 30.5 mm**
- Dimensions: **44.4 × 41 × 6 mm**
- Weight: **12.3 g**

Package Includes

- 1 × V70A ESC & F7 FC SE 6-8S 4IN1 Stack
- 1 × **Plug-in FC–ESC Cable**
- 1 × **Mounting Hardware Set**
- 1 × **User Installation Guide**