

SVTECH

ME100

Heavy-lift Multirotor Platform

English technical reference prepared from the Chinese product document. Legacy contact details have been removed. Numeric values marked [verify] require confirmation before ordering or operation.

****Product Manual****

****Product Model:** SV-ME100**

****Page 1 of 3****

****1. Purpose****

This document provides product description and operating instructions.

****2. ME100 UAV****

****2.1 Aircraft Specifications****

No.	Item	Content
1	Wheelbase	3 m
2	Dimensions (open)	3 m × 3 m × 1.8 m
3	Weight	110 kg
4	Flight Time	15 min

****2.2 Propulsion System****

No.	Item	Content
1	Number of Motors	8
2	Max Output Power (per motor)	15 kW
3	Max Thrust (per motor)	85 kg
4	Rated Payload	100 kg

****2.3 Propeller****

No.	Item	Content
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1	Material	Carbon fiber
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2	Diameter / Pitch	51 × 95 inch
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****Disclaimer****

(1) High voltage exists inside the UAV. Do not disassemble it yourself to avoid electric shock.

(2) Keep away from or do not touch the motors or propellers while they are rotating to prevent cuts.

(3) Ensure propellers are correctly installed on their corresponding motors.

(4) Do not touch rotating parts with hands or fingers while power is on. This can easily cause injury; installers must exercise caution.

****Page 2 of 3****

Users must read this manual carefully before using the product. Use of this product implies acceptance of all terms in this disclaimer.

This product is suitable for persons aged 18 and above. Under normal power supply and correct connections, it can provide an excellent flight experience. When adjusting parameters or performing firmware upgrades on this aircraft system, we strongly recommend removing the propellers and ensuring normal power supply and correct wiring of relevant functional modules. Always operate away from crowds, hazardous objects, and fragile items. Shuangjie Technology assumes no liability for personal injury or property damage caused directly or indirectly by the following:

1. Failure to assemble and use the product according to this manual.

2. Operating the aircraft while under the influence of alcohol, drugs, fatigue, or in poor physical/mental condition.

3. Intentionally or deliberately operating the aircraft to cause harm.

4. Disassembling the product or modifying it with non-Shuangjie accessories, rendering the aircraft inoperable.

5. Injury caused by operator error or misjudgment.

6. Injury caused by abnormal operation due to natural wear, circuit aging, etc.

7. Operating the aircraft while knowing it is in an abnormal working condition.

8. Flying in severe weather conditions such as typhoons, hail, or heavy fog.

9. Flying in areas with magnetic interference, radio interference, or government no-fly zones.

10. Flying the aircraft under poor visibility or obstructed line of sight.

11. Infringement caused by data or image material obtained using this product.

12. Other losses not within Shuangjie Technology's liability.

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****Page 3 of 3****

Business enquiries

Product selection · Project enquiries · Technical support

ME100



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