



ALPHASWIFT



44 mins of  
working time



24 L of tank  
volume

## A-24 Falco

### Hybrid Drone



[www.alphaswift.com](http://www.alphaswift.com)



[hello@alphaswift.com](mailto:hello@alphaswift.com)



+60 14 946 4896

# Mightier than Expected

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Instead of being fully battery-powered, the A-24 Falco uses a powerful petrol-driven electricity generator while the LiPo battery works as the secondary power source. With this powerful generator, it can promise 44 minutes of working time.





# Be Safe Everywhere

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As a prerequisite for drone operation, the A-24 Falco is equipped with two obstacle avoidance modules to ensure safety within the working area.

# Unstoppable Operation

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4L of petrol tank provides a sufficient power supply to ensure 2 times continuous work for A-24 Falco with a full tank of liquid.

# Vision Secured

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To make the operation more safer, the A-24 Falco comes with a real-time front camera which provides FOV of 120° wide angle. Operators can inspect the real-time condition of where the drone operates. The two LEDs are able to provide better vision for the operators when working at night.



# Covers Everywhere

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A 24 L of the liquid tank is installed in A-24 Falco to ensure the efficiency of the operation and utilize the power of the hybrid drone. With the default setup of 8 nozzles, the spray width can reach a range of 6 to 8 meters.

# Specifications



## Drone Wheelbase

2100 mm

## Spray Width

6 - 8 m

## Spraying System

Pressure Nozzle

## Drone Size

1800 \* 2000 \* 730 mm (Unfolded)

730 \* 1055 \* 730 mm (Folded)

## Efficiency

12 hectare / hour

30 acre / hour

## Remote Control

H12

## Drone Weight

42 kg (Empty Load)

70 kg (Full Load)

## Flight Controller

K++ / VK

## Battery

14S 10000 mAh

## Frame Material

Imported 3K Carbon Fibre

## Power System

10015 85 KV (Motor)

FOC 150 A (ESC)

40136 (Propeller)

## Working Time

45 mins

## Arm Thickness

36 \* 40 mm

## Water Pump System

8 L / min (Spray Rate)

## Tank Volume

24 L

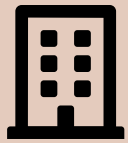
## Working Voltage

58.8 V



## Service

Maintenance, repair and overhaul provided  
Spare parts are in stock



## Address

07-2A, Kenwingston Business Centre,  
Persiaran Bestari Cyber 9,  
63000 Cyberjaya, Selangor.



## Contact Number

+603 8311 9385  
+60 14 946 4896



## Email Address

hello@alphaswift.com



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