



E616S-A

**Agricultural
Sprayer
Hexacopter**



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Structure

Material: Carbon Fiber

Wheelbase: 1628mm

Unfolded size: 1720 * 1500 * 556 mm

Folded size: 1073 * 956 * 546 mm

Water resistance: IP64



Propulsion

Motor: XRotor Pro X8 KV100

Propellers: 30 inch

Max Thrust: 15 kg per motor

LiPo: 12S 22000 mAh



Performance

Operating Temperature: 0 - 45 Celcius

Navigation System: GPS, Obstacle Avoidance, Terrain Following

Navigation Sensors: GPS Antenna, Camera, Radar, RTK GPS (Optional)

Failsafe RTL Condition: Low Pesticide, Low Battery, Transmission Loss

Ease of Use: Save Last Position, Auto Flowrate Calculation, Geofence,
Auto Waypoint Following, Real-time Data, Night Light (Optional)

Empty Weight: 7 kg (w/o battery & payload)

Max. Take-off Weight: 45 kg @ sea level

Standard Take-off Weight: 38 kg

Hovering Time: 30 mins w/o payload, 13 mins w/ 16 L

Max. Operation Speed: 10 m/s

Max. Flying Speed: 15 m/s

Wind Resistance: Scale 6, 13 m/s

Spray System Payload

Volume: 16 L (Water), 22 L (Granule)

Flowrate: 0.8 - 2 L/min Adjustable

Swath: 4 - 6 m

Sprayer: 4 Nozzle Mist Sprayer System,
Granules Sprayer System



Remote Control

Operating Frequency: 2.4 GHz

Max Range: 2 km



Autopilot Software

Ease of Use:

AutoRoute Formation,

Spray Area Calculation,

Autonomous Operation,

Flowrate Monitoring

Price

From RM 29,900 to RM 40,400

Advantages of Drone Sprayer



✓ **Faster**

Up to 50 Hectare a day

✓ **High Efficiency**

Ultrafine droplets with powerful spraying penetrates the crops

✓ **Save cost**

Reduce up to 30% of pesticide usage, save cost

✓ **More even**

Automatic spraying mission with automatic spray pump control

✓ **Safer**

No more human contact with harmful chemicals

✓ **Healthier**

Less pollution to the rivers and land

✓ **Comfortable**

Drones help to reduce work, less time under the hot sun

✓ **Reliable Technology**

Used by plenty of countries such as China, Japan, USA and Malaysia



Services

Maintenance, repair and overhaul provided
Spare parts are in stock



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