

AGRICULTURE DRONE

About

Krishakti is a fully autonomous small category agriculture drone used by farmers for spraying and seed spreading purpose in their agriculture field. The algorithm used in the product makes its use efficient for every type of crop covering every inch while spraying. Its ability to switch with seed spreader system makes it a multipurpose

Aircraft Specs

- Max.Flight Time: 15 mins (with payload)
- Max.Hovering Time: 25 mins (without payload)
- Cruise Speed: 6 m/s
- Operating Temp. : 10 Deg C - 55 Deg C
- Motor: 180 KV



Product Specs

- Structure: Hexacopter with cross folding
- Tank Volume: 10 L/20 L
- Range: 20 km
- Max. Take off Weight: 25 kg/ 35

Battery Specs

- Capacity:16000 mah/ 22000 mah
- Type: Lithium Polymer
- Charging Time: 60 to 90 mins
- Life: Upto 200 cycles

Charger Specs

- Input Voltage - AC : 220-240 V
- Input Current - AC : 7 A
- Output Voltage - DC : 50.4 V
- Output Current - DC: 15 A

Spray System

- Material : Polypropylene housing with Metal/ Plastic/ Ceramic Tips
- Spray Speed : 0.85 L/min
- Spray Width: 3.5 meter, 4 nozzle, 1.5-2.5 meter above the crops



Failsafe Features (RTL)

- On Communication Failure
- Mission Complete
- On Low Battery