

# 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 make it efficient to be used 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 kg

## 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