# Utility Drones



*Fig.: Utility drone equipped with sprayer unit.*



*Fig.: Tethered utility drone with sprayer.*

## Draft Video on Spray Drone and Lighting Drone

- **Part 1:** Spray Drone
- **Part 2:** Lighting Drone

draft_drone.mp4

*Video: (1) Spray Drone, (2) Lighting Drone.*

# Draft of a wireless-network-attached Drone



*Fig.: Tethered utility drone with network devices.*

| **State** | **mains power consumption (230V)** |
|---|---|
| motors off, connected to mains power | ~150W |
| flying, connected to mains | ~1500-1800W |
| flying, disconnected from mains | 0W |

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