

DRONE SPRAYER

Ralli
Agricultural Machines



Model : **RDS-20**

- Professional Flight Control System
- Dual Fpv Cameras, Water Proof Connectors
- Folding System For Storage
- Double Atomization Centrifugal Nozzle
- Inner Rotor Brushless Motor
- Brush Less High Capacity Water Pump

**Ideal for use in Ginger, Potato,
Sugarcane, Agriculture &
Horticulture Crops, Sowing & Weeding.**



Ralli Agrotech Ltd.

An ISO 9001:2015 Certified Company

Regd. Office :

4, Fairlie Place, Kolkata - 700001,
Phone: +91 96749 17311
E-mail : info@ralliagri.com,
Website: www.ralliagri.com

Works : Plot No 278 & 279, N.H. 8, Village-Nandawala, Taluk & District-Valsad,
Pin-396001, Gujarat, India

Sales Network :

Ahmedabad, Akola, Bangalore, Baroda, Bhopal, Bhubaneswar, Chennai, Coimbatore,
Cuttack, Delhi, Gurgaon, Guwahati, Jaipur, Jamshedpur, Kolkata, Ludhiana, Mumbai,
Nagpur, Patna, Pune, Secunderabad, Siliguri, Thiruvananthapuram, Trichy,
Vishakhapatnam, Vijayawada



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Technical Parameters		
Overall Parameter	Rated Load	20kg
	Max Load	23kg
	Empty Load Weight	30kg
	Rated Take off Weight	50kg
	Transport Dimension	1008*770*722mm
	Overall Dimension	1327*1360*722mm
	Empty Load Hovering Time	19min
	Full-load Hovering Time	8mins
Spraying Parameter	Pesticide Tank Volume	22L
	Spraying Efficiency	6.67~20 Ha/h
	Spraying Range	6-10m (varies with height)
	Flow Rate	Single Pump:5L/min Double Pumps:10L/min
	Number of Nozzles	4 pieces
	Atomizing Diameter	50-500m
Smart Battery parameter	Weight	7.8kg
	Battery Dimension	139*237*3
	Cells	12mm
	Capacity	14S20000m
	Nominal Voltage	Ah53.2V"
Charger	Output Voltage	10.2kg
	Dimension	320*190*256mm
	Number of Channels	2 channel
	AC Input Interface	15-30A(AC voltage range:100-240V)
	Power	Rated 3500W
	Charging Time	40min (30%~95%)
	Effective Signal Range (open ground)	1200-1500M
	Built-in Battery	"3.7V 2S Lithium Battery 20000mAh
	Number of Channels	12
	Ambient Temperature	-10°C~55°C
	Storage Temperature	-20°~70°C
	Battery life	8-12H
	IP Level	
	Frequency Band	
	Location Update Rate	
	Location Lock-in Time	
	Location Accuracy	
	Power	
	Battery Capacity	
	Dimension	
	Weight	
	Endurance	
	Transmission Distance	

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