Specifications of C30		
General specifications		
	EU	**US**
Payload	max. 36 kg	max. 79 lbs
Max. take-off weight	72 kg	158.7 lbs
Total weight (with battery) *	36 kg	79 lbs
Total weight (without battery) *	26 kg	57.1 lbs
Maximum characteristic dimension **	3130 mm	123.2 in
Dimensions (arms & propellers unfolded) with Spray lance (L x W x H)	2520 x 2600 x 700 mm	98 x 102.4 x 27.6 in
Dimensions (arms and propellers folded) with Spray lance (L x W x H)	1070 x 685 x 700 mm	42 x 27 x 27.6 in
Dimensions (arms and propellers folded) without Spray lance (L x W x H)	1040 x 685 x 700 mm	41 x 27 x 27.6 in
Maximum flight time	15 - 20 min	15 - 20 min
GNSS	GPS, GLONASS, Galileo, BeiDou	GPS, GLONASS, Galileo, BeiDou
RTK correction	Network RTK Optional Emlid RS RTK base station	Network RTK Optional Emlid RS RTK base station
Hovering precision	±10 cm (RTK) ±1.5 m (without RTK)	±3.93 in (RTK) ±59 in (without RTK)

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Heading	Dual-RTK	Dual-RTK
Rotor dimensions	30 x 11	30 x 11
Battery type	Li-Po Smart	Li-Po Smart
Battery capacity	30000 mAh	30000 mAh
Battery voltage (nominal)	53.2V	53.2V
Battery weight	9.9 kg	21.8 lbs
Battery charging time	min. 15 minutes	min. 15 minutes
Battery charger channels	2 x 4 ports	2 x 4 ports
Battery charger power	2 x 3000 W	2 x 3000 W
Camera	Wide angle, vertically adjustable (0-180°)	Wide angle, vertically adjustable (0-180°)
Camera resolution	FHD	FHD
Effective signal range of RC	3 - 6 km	1.86 - 3.73 mi
Intrusion protection	Limited water and dust resistance	Limited water and dust resistance
Cleaning system		
Cleaning system maximum pressure (cold water)	500 bar	7250 PSI
Cleaning system maximum pressure (warm water)	500 bar	7250 PSI
Spray lance	Removable for transport	Removable for transport
Spray nozzle holder compatibility	M22 x 1.5	M22 x 1.5
Nozzle holder	fix	fix

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High Pressure system (optional)		
Cleaning system	50 – 500 bar	725–7250 psi
Flow rate	9–30 l/min	2.4–7.9 gal/min
Working pressure	50 - 500 bar / 5 - 50 MPa	725 - 7250 PSI
Max. pressure	500 bar / 50 MPa	7250 PSI
Type	Electric	Electric
Supply voltage	400 V / 50 Hz, 63 A	400 V / 50 Hz, 63 A
Weight (with accessories)	510 kg	1124 lbs
Dimensions (L x W x H)	1273 x 987 x 1066 mm	50.1 x 38.9 x 42.0 in
Frequency bands		
Radio Control and Telemetry	2.4 GHz	2.4 GHz
WLAN	2.4GHz	2.4GHz
LoRA	862–1020 MHz	862–1020 MHz
Flight		
Max. pitch angle	15°	15°
Max. level speed	10 m/s	22.4 mi/h
Max. flight altitude (AMSL)	4500 m	14763.78 ft
Max. flight altitude (AGL)	120 m	393.7 ft
Max. tolerable wind speed	10 m/s	22.4 mi/h

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EMC Certificates	
CE	

*The weight parameters vary by ±1kg according to the final product configuration

*The weight parameters vary by ±2.2 lbs according to the final product configuration

** Maximum distance between the tips of two opposite propellers

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