

ARGOS - DATASHEET

Unmanned aerial vehicle - Class type: Rotary wing, 4 motors

Masses	Motors	Batteries
Maximum takeoff mass (MTOM) 8.24 Kg	Type Brushless DC	Battery type 12 cells solid state
Maximum payload mass 2.7 Kg	KV 490	Rated voltage 44.4V
Empty mass (no batteries - no payload) 2.8 Kg	Radio control & Telemetry	Nominal Capacity 18'000 mAh
Batteries mass 2.74 Kg	Model Herelink HD	Max. discharge current 5C
Empty takeoff mass 5.54 Kg	Display 5.46 in 1080p touch screen	Rated mass 2.74 Kg
Transport case mass + trolley 17.00 Kg	Operational frequency 2.4 GHz ISM	Folding Propellers
Dimensions	Range CE 12km, FCC 20km	Blades number 3
Diagonal lenght to motors centers 610 mm	Telemetry and GCS protocol MAVlink	Material Carbon-filled nylon
Maximum dimensions (no propellers) 570x470x380 mm	Connections micro USB, Bluetooth/WiFi/GPS/2.4G	Diameter 10"
Maximum dimensions (with propellers) 780x670x380 mm	GCS Battery 4950 mAh Li-Ion	Pitch Fixed 5"
Transport case dimensions 800x740x460 mm		Flight Time: 17 minutes

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Masse	Motori	Batterie
Massa massima al decollo (MTOM) 8.24 Kg	Tipo Brushless DC	Tipo Batteria 12 celle Stato Solido
Massa massima carico utile 2.7 Kg	KV 490	Voltaggio nominale 44.4V
Massa a vuoto (no batterie - no payload) 2.8 Kg	Controllo Radio & Telemetria	Energia nominale 18'000 mAh
Massa Batterie 2.74 Kg		Corrente di scarica max 5C
Massa a vuoto al decollo 5.54 Kg	Schermo 5.46 in 1080p touch screen	Massa nominale 2.74 Kg
Massa valigia trasporto 17.00 Kg	Frequenza Operativa 2.4 GHz ISM	Eliche
Dimensioni	Portata CE 12km, FCC 20km	
	Telemetria e protocollo GCS MAVlink	Numero Pale 3
Lunghezza diagonale 610 mm	Conessioni micro USB, Bluetooth/WiFi/GPS/2.4G	Materiale Nylon Caricato al carbonio
Dimensioni massime (no eliche) 570x470x380 mm		Diametro 10"
Dimensioni massime (con eliche) 780x670x380 mm	Batteria Radiocomando 4950 mAh Li - Ion	Passo Fixed 5"
Dimensioni valigia trasporto 800x740x460 mm		Tempo di volo: 17 minuti